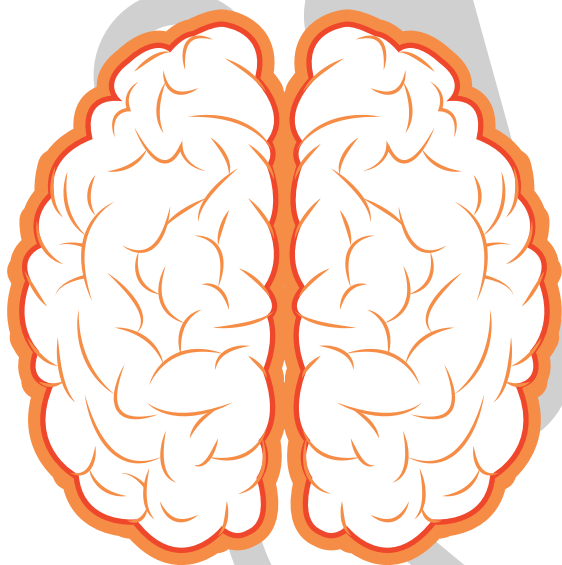




Neuroscience Antibodies

# 神经科学研究抗体



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一抗·二抗·内参&标签·重组蛋白



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# 神经发育与神经细胞标志物

神经发育是基于脑发育的分子和细胞活动，中枢神经系统发育从神经嵴的形成开始，逐渐形成神经管。不同级别的信号会在神经管的不同位置生成差异化的神经上皮微环境，特异的神经上皮祖细胞会引起神经管区域化，并随时间的推移发生增殖、迁移和分化，最终在脑和脊髓内形成独特的生理结构。神经祖细胞的多能性随着发育与细胞分裂逐步受限，神经元和神经胶质细胞由此产生。神经元作为中枢神经系统的重要细胞，能够处理电化学信号，其结构通常包含胞体、树突以及轴突。随着神经元的不断迁移，脑皮层 便会由内向外地不断分层，较深的皮层会在浅表层之前形成。星形胶质细胞与小胶质细胞属于脑中的免疫细胞，前者由神经祖细胞产生，后者源于髓系，二者将迁移到脑中增殖发育，它们在调节神经元的活动中起着重要的作用。髓鞘能通过包裹轴突提升神经元间电信号的传导速度。Schwann细胞的功能与存在于中枢神经系统的少突胶质细胞相同，它存在于外周神经系统。为了鉴定神经元和神经胶质细胞，众多研究已经发掘出识别这些神经相关细胞的标志物。

| 靶标      | 产品货号    | 产品名称                                  | 反应种属              | 应用                       |
|---------|---------|---------------------------------------|-------------------|--------------------------|
| BRG1    | db11111 | BRG1 Recombinant Rabbit mAb           | Human, Mouse,Rat  | WB,IHC,ICC/IF,FC,IP,ChIP |
|         | db13202 | BRG1 Recombinant Rabbit mAb           | Human, Mouse      | WB                       |
|         | db6231  | BRG1 (6D7) Mouse mAb                  | Human, Mouse      | WB,ICC/IF,IP             |
|         | db6036  | BRG1 (4E11) Mouse mAb                 | Human             | WB,IP                    |
|         | db30165 | BRG1 Recombinant Rabbit mAb           | Human             | IHC                      |
|         | db22184 | BRG1 Rabbit pAb                       | Human, Mouse      | WB                       |
|         | db3420  | BRG1 Rabbit pAb                       | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP,ChIP |
|         | db3040  | BRG1 Rabbit pAb                       | Human             | WB,IHC,ICC/IF            |
|         | db2306  | BRG1 Rabbit pAb                       | Human, Mouse, Rat | WB                       |
|         | db15586 | BRG1 Recombinant Rabbit mAb           | Human, Mouse, Rat | WB                       |
|         | db15408 | BRG1 Recombinant Rabbit mAb           | Human             | WB,IHC,ICC/IF            |
| Musashi | db3005  | MSI2 Rabbit pAb                       | Human, Mouse, Rat | WB,IHC,ICC/IF,FC         |
|         | db1864  | Musashi 1/Msi1 Rabbit pAb             | Human             | WB,IHC,ICC/IF,FC,IP      |
|         | db15422 | MSI2 Recombinant Rabbit mAb           | Human, Mouse, Rat | WB,IHC,ICC/IF,FC         |
|         | db15683 | Musashi 1/Msi1 Recombinant Rabbit mAb | Human             | WB,IHC,ICC/IF,FC,IP      |
| Nestin  | db20315 | Nestin Rabbit pAb                     | Mouse, Rat        | WB,IHC                   |
|         | db7691  | Nestin Rabbit pAb                     | Human             | WB, IHC, ICC/IF, FC      |
|         | db4012  | Nestin Rabbit pAb                     | Human             | IHC,ICC/IF,FC            |
|         | db11140 | Nestin Recombinant Rabbit mAb         | Mouse, Rat        | WB,IHC                   |
|         | db15135 | Nestin Recombinant Rabbit mAb         | Human             | IHC,ICC/IF,FC            |
|         | db11592 | Nestin Recombinant Rabbit mAb         | Human             | WB, IHC, ICC/IF, FC      |
| SOX2    | db15498 | SOX2 Recombinant Rabbit mAb           | Human, Mouse, Rat | WB,IHC,ICC/IF            |
|         | db30104 | SOX2 Recombinant Rabbit mAb           | Human             | IHC                      |
|         | db22738 | SOX2 Rabbit pAb                       | Human             | WB,IHC,IP                |
|         | db13035 | SOX2 Recombinant Rabbit mAb           | Human             | WB,IHC,IP                |
|         | db2678  | SOX2 Rabbit pAb                       | Human, Mouse, Rat | WB,IHC,ICC/IF            |
| PAX6    | db2269  | PAX6 Rabbit pAb                       | Human, Mouse,Rat  | WB,IHC,FC                |
|         | db884   | PAX6 Rabbit pAb                       | Human, Mouse, Rat | WB,IHC,ICC/IF            |
|         | db13609 | PAX6 Recombinant Rabbit mAb           | Human, Mouse, Rat | WB,IHC,ICC/IF            |
|         | db11912 | PAX6 Recombinant Rabbit mAb           | Human, Mouse, Rat | WB,IHC,FC                |

| 靶标               | 产品货号    | 产品名称                                                   | 反应种属              | 应用                     |
|------------------|---------|--------------------------------------------------------|-------------------|------------------------|
| Doublecortin     | db212   | Doublecortin Rabbit pAb                                | Human, Mouse,Rat  | WB,IHC,ICC/IF          |
|                  | db11118 | Doublecortin Recombinant Rabbit mAb                    | Human, Mouse, Rat | WB,IHC,ICC/IF          |
|                  | db3333  | Phospho-Doublecortin (Ser297) Rabbit pAb               | Mouse, Rat        | WB,IHC,IP              |
|                  | db13978 | Phospho-Doublecortin (Ser297) Recombinant Rabbit mAb   | Mouse, Rat        | WB,IHC,IP              |
| NeuroD1          | db4846  | NeuroD1 Rabbit pAb                                     | Human, Mouse      | WB,IHC,ICC/IF          |
|                  | db7     | NeuroD1 Rabbit pAb                                     | Human, Mouse, Rat | WB,IP                  |
|                  | db5249  | NeuroD1 Rabbit pAb                                     | Human, Mouse, Rat | WB,IHC,FC,IP           |
|                  | db14961 | NeuroD1 Recombinant Rabbit mAb                         | Human, Mouse      | WB,IHC,ICC/IF          |
|                  | db16075 | NeuroD1 Recombinant Rabbit mAb                         | Human, Mouse, Rat | WB,IP                  |
|                  | db14866 | NeuroD1 Recombinant Rabbit mAb                         | Human, Mouse, Rat | WB,IHC,FC,IP           |
| beta III Tubulin | db2961  | beta III Tubulin Rabbit pAb                            | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP    |
|                  | db3037  | beta III Tubulin Rabbit pAb                            | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP    |
|                  | db1681  | beta III Tubulin Rabbit pAb                            | Human, Mouse, Rat | WB                     |
|                  | db6478  | beta III Tubulin (3H2) Mouse mAb                       | Human, Mouse, Rat | WB                     |
|                  | db12328 | beta III Tubulin Recombinant Rabbit mAb                | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP    |
|                  | db11074 | beta III Tubulin Recombinant Rabbit mAb                | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP    |
|                  | db13262 | beta III Tubulin Recombinant Rabbit mAb                | Human, Mouse, Rat | WB                     |
| NeuN             | db20298 | NeuN Rabbit pAb                                        | Human, Mouse, Rat | WB,IHC,IP              |
|                  | db20303 | NeuN Rabbit pAb                                        | Human             | WB, IHC, IP            |
|                  | db2833  | NeuN Rabbit pAb                                        | Human, Mouse, Rat | WB,IHC,ICC/IF,FC       |
|                  | db12692 | NeuN Recombinant Rabbit mAb                            | Human, Mouse, Rat | WB,IHC,ICC/IF,FC       |
|                  | db30143 | NeuN Recombinant Rabbit mAb                            | Human             | IHC                    |
|                  | db12066 | NeuN Recombinant Rabbit mAb                            | Human             | WB, IHC, IP            |
|                  | db13776 | NeuN Recombinant Rabbit mAb                            | Human, Mouse, Rat | WB,IHC,IP              |
| MAP2             | db557   | MAP2 Rabbit pAb                                        | Human, Mouse, Rat | IHC, ICC/IF, FC        |
|                  | db9365  | MAP2 Rabbit pAb                                        | Human             | IHC                    |
|                  | db6438  | MAP2 (3B5) Mouse mAb                                   | Human, Mouse, Rat | IHC-P,ICC/IF           |
|                  | db6294  | MAP2K6 (8A11) Mouse mAb                                | Human, Rat        | WB,IP                  |
|                  | db12803 | MAP2 Recombinant Rabbit mAb                            | Human             | IHC                    |
|                  | db12442 | MAP2 Recombinant Rabbit mAb                            | Human, Mouse, Rat | IHC, ICC/IF, FC        |
|                  | db21850 | Phospho-MAP2 (Ser136) Rabbit pAb                       | Human, Mouse, Rat | WB,IHC,IP              |
|                  | db12646 | Phospho-MAP2 (Ser136) Recombinant Rabbit mAb           | Human, Mouse, Rat | WB,IHC,IP              |
| Neuro-filament   | db2351  | 70 kD Neurofilament Light Rabbit pAb                   | Human, Mouse,Rat  | WB,IP                  |
|                  | db15566 | 70 kD Neurofilament Light Recombinant Rabbit mAb       | Human, Mouse, Rat | WB,IP                  |
|                  | db21212 | Neurofilament heavy polypeptide Rabbit pAb             | Human, Mouse, Rat | WB,IHC                 |
|                  | db3115  | Neurofilament heavy polypeptide Rabbit pAb             | Human, Mouse, Rat | WB,IHC,ICC/IF          |
|                  | db12729 | Neurofilament heavy polypeptide Recombinant Rabbit mAb | Human, Mouse, Rat | WB,IHC,ICC/IF          |
|                  | db13519 | Neurofilament heavy polypeptide Recombinant Rabbit mAb | Human, Mouse, Rat | WB,IHC                 |
| alpha Internexin | db20777 | alpha Internexin Rabbit pAb                            | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP    |
|                  | db2556  | alpha Internexin Rabbit pAb                            | Human, Mouse, Rat | WB,IHC,ICC/IF          |
|                  | db11461 | alpha Internexin Recombinant Rabbit mAb                | Human, Mouse, Rat | WB, IHC, ICC/IF, FC,IP |
|                  | db11442 | alpha Internexin Recombinant Rabbit mAb                | Human, Mouse, Rat | WB,IHC,ICC/IF          |
| PSD95            | db22917 | PSD95 Rabbit pAb                                       | Human, Mouse,Rat  | WB,IHC,IP              |
|                  | db12983 | PSD95 Recombinant Rabbit mAb                           | Human, Mouse, Rat | WB,IHC,IP              |
|                  | db9895  | Phospho-PSD95 (Ser418) Rabbit pAb                      | Human, Mouse, Rat | WB                     |
|                  | db13885 | Phospho-PSD95 (Ser418) Recombinant Rabbit mAb          | Human, Mouse, Rat | WB                     |

| 靶标    | 产品货号    | 产品名称                                               | 反应种属              | 应用                     |
|-------|---------|----------------------------------------------------|-------------------|------------------------|
| Tau   | db8769  | Tau Rabbit pAb                                     | Human, Mouse      | WB,IHC,IP              |
|       | db7399  | Tau Rabbit pAb                                     | Human, Mouse, Rat | WB,ICC/IF,FC           |
|       | db1777  | Tau Rabbit pAb                                     | Human, Mouse, Rat | WB,IHC,IP              |
|       | db13107 | Tau Recombinant Rabbit mAb                         | Human, Mouse, Rat | WB,ICC/IF,FC           |
|       | db11940 | Tau Recombinant Rabbit mAb                         | Human, Mouse      | WB,IHC,IP              |
|       | db5219  | Phospho-Tau (Thr181) Rabbit pAb                    | Human             | WB,IP                  |
|       | db5324  | Phospho-Tau (Ser610) Rabbit pAb                    | Human             | WB                     |
|       | db4299  | Phospho-Tau (Ser404) Rabbit pAb                    | Human, Mouse, Rat | WB,IHC,ICC/IF          |
|       | db3402  | Phospho-Tau (Ser235) Rabbit pAb                    | Human             | WB                     |
|       | db3401  | Phospho-Tau (Thr205) Rabbit pAb                    | Human             | WB                     |
|       | db3163  | Phospho-Tau (Ser422) Rabbit pAb                    | Human             | WB                     |
|       | db2800  | Phospho-Tau (Ser262) Rabbit pAb                    | Human             | WB                     |
|       | db2583  | Phospho-Tau (Ser324) Rabbit pAb                    | Human, Mouse, Rat | WB,ICC/IF,IP           |
|       | db2498  | Phospho-Tau (Thr50) Rabbit pAb                     | Human             | WB,IHC,ICC/IF,IP       |
|       | db2191  | Phospho-Tau (Ser214) Rabbit pAb                    | Human, Mouse, Rat | WB,IHC                 |
|       | db2089  | Phospho-Tau (Ser198) Rabbit pAb                    | Human             | WB,IHC,ICC/IF,IP       |
|       | db1868  | Phospho-Tau (Ser396) Rabbit pAb                    | Human, Mouse, Rat | WB,IHC                 |
|       | db1775  | Phospho-Tau (Ser199) Rabbit pAb                    | Human, Mouse, Rat | WB,IP                  |
|       | db1765  | Phospho-Tau (Ser202) Rabbit pAb                    | Human, Mouse, Rat | WB,IP                  |
|       | db1700  | Phospho-Tau (Thr231) Rabbit pAb                    | Human, Mouse, Rat | WB,IHC,IP              |
|       | db7139  | Phospho-Tau (Ser356) Rabbit pAb                    | Human             | WB                     |
|       | db3310  | Phospho-Tau (Ser202/Thr205) Rabbit pAb             | Human             | WB,IP                  |
|       | db13889 | Phospho-Tau (Ser198) Recombinant Rabbit mAb        | Human             | WB,IHC,ICC/IF,IP       |
|       | db12335 | Phospho-Tau (Ser396) Recombinant Rabbit mAb        | Human, Mouse, Rat | WB,IHC,IP              |
|       | db13915 | Phospho-Tau (Ser356) Recombinant Rabbit mAb        | Human             | WB                     |
|       | db14026 | Phospho-Tau (Ser214) Recombinant Rabbit mAb        | Human, Mouse, Rat | WB,IHC                 |
|       | db13981 | Phospho-Tau (Thr50) Recombinant Rabbit mAb         | Human             | WB,IHC,ICC/IF,IP       |
|       | db13380 | Phospho-Tau (Ser202) Recombinant Rabbit mAb        | Human, Mouse, Rat | WB,IP                  |
|       | db14071 | Phospho-Tau (Thr231) Recombinant Rabbit mAb        | Human, Mouse, Rat | WB,IHC,IP              |
|       | db14057 | Phospho-Tau (Ser199) Recombinant Rabbit mAb        | Human, Mouse, Rat | WB,IP                  |
|       | db14042 | Phospho-Tau (Ser396) Recombinant Rabbit mAb        | Human, Mouse, Rat | WB,IHC                 |
|       | db14007 | Phospho-Tau (Ser324) Recombinant Rabbit mAb        | Human, Mouse, Rat | WB,ICC/IF,IP           |
|       | db14000 | Phospho-Tau (Ser262) Recombinant Rabbit mAb        | Human             | WB                     |
|       | db13984 | Phospho-Tau (Ser422) Recombinant Rabbit mAb        | Human             | WB                     |
|       | db13932 | Phospho-Tau (Ser610) Recombinant Rabbit mAb        | Human             | WB                     |
|       | db13902 | Phospho-Tau (Thr181) Recombinant Rabbit mAb        | Human             | WB,IP                  |
|       | db14009 | Phospho-Tau (Ser404) Recombinant Rabbit mAb        | Human, Mouse, Rat | WB,IHC,ICC/IF          |
|       | db12291 | Phospho-Tau (Ser235) Recombinant Rabbit mAb        | Human             | WB                     |
|       | db14247 | Phospho-Tau (Thr205) Recombinant Rabbit mAb        | Human             | WB                     |
|       | db12694 | Phospho-Tau (Ser202/Thr205) Recombinant Rabbit mAb | Human             | WB,IP                  |
| GAP43 | db23596 | GAP43 Rabbit pAb                                   | Human             | WB, IHC                |
|       | db2467  | GAP43 Rabbit pAb                                   | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP    |
|       | db6488  | GAP43 (10C7) Mouse mAb                             | Human, Mouse, Rat | WB,IHC-P               |
|       | db12045 | GAP43 Recombinant Rabbit mAb                       | Human, Mouse, Rat | WB, IHC, ICC/IF, FC,IP |
|       | db12305 | GAP43 Recombinant Rabbit mAb                       | Human             | WB, IHC                |
| AChE  | db8205  | Acetylcholinesterase Rabbit pAb                    | Mouse, Rat        | WB,IHC                 |
|       | db14525 | Acetylcholinesterase Recombinant Rabbit mAb        | Mouse, Rat        | WB,IHC                 |

| 靶标                   | 产品货号    | 产品名称                                                    | 反应种属              | 应用                     |
|----------------------|---------|---------------------------------------------------------|-------------------|------------------------|
| beta III Tubulin     | db2961  | beta III Tubulin Rabbit pAb                             | Human, Mouse,Rat  | WB,IHC,ICC/IF,FC,IP    |
|                      | db3037  | beta III Tubulin Rabbit pAb                             | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP    |
|                      | db1681  | beta III Tubulin Rabbit pAb                             | Human, Mouse, Rat | WB                     |
|                      | db6478  | beta III Tubulin (3H2) Mouse mAb                        | Human, Mouse, Rat | WB                     |
|                      | db12328 | beta III Tubulin Recombinant Rabbit mAb                 | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP    |
|                      | db11074 | beta III Tubulin Recombinant Rabbit mAb                 | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP    |
|                      | db13262 | beta III Tubulin Recombinant Rabbit mAb                 | Human, Mouse, Rat | WB                     |
| ChAT                 | db3251  | Choline Acetyltransferase Rabbit pAb                    | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP    |
|                      | db2644  | Choline Acetyltransferase Rabbit pAb                    | Human, Mouse, Rat | WB,IHC                 |
|                      | db13806 | Choline Acetyltransferase Recombinant Rabbit mAb        | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP    |
|                      | db15501 | Choline Acetyltransferase Recombinant Rabbit mAb        | Human, Mouse, Rat | WB,IHC                 |
| S100B                | db3755  | S100B Rabbit pAb                                        | Human, Mouse, Rat | WB,IHC,ICC/IF,IP       |
|                      | db6293  | S100B (5G3) Mouse mAb                                   | Rat               | WB                     |
|                      | db11749 | S100B Recombinant Rabbit mAb                            | Human, Mouse, Rat | WB, IHC, ICC/IF, IP    |
| TH                   | db1243  | Tyrosine 3-monooxygenase Rabbit pAb                     | Human, Mouse, Rat | WB,IHC,ICC/IF,FC       |
|                      | db2619  | Tyrosine 3-monooxygenase (Ser70) Rabbit pAb             | Human, Mouse, Rat | WB,IHC,ICC/IF,FC       |
|                      | db14958 | Tyrosine 3-monooxygenase Recombinant Rabbit mAb         | Human, Mouse, Rat | WB,IHC,ICC/IF,FC       |
|                      | db12472 | Tyrosine 3-monooxygenase (Ser70) Recombinant Rabbit mAb | Human, Mouse, Rat | WB,IHC,ICC/IF,FC       |
| ALDH1A1              | db845   | ALDH1A1 Rabbit pAb                                      | Human, Mouse      | WB,IHC,ICC/IF,FC,IP    |
|                      | db21560 | ALDH1A1 Rabbit pAb                                      | Human             | WB,IHC                 |
|                      | db12121 | ALDH1A1 Recombinant Rabbit mAb                          | Human, Mouse      | WB, IHC, ICC/IF, FC,IP |
|                      | db13390 | ALDH1A1 Recombinant Rabbit mAb                          | Human             | WB,IHC                 |
| FoxA2                | db9837  | FOXA2 Rabbit pAb                                        | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP    |
|                      | db2291  | FOXA2 Rabbit pAb                                        | Human, Mouse, Rat | WB,IHC,ICC/IF          |
|                      | db676   | FOXA2 Rabbit pAb                                        | Human             | WB,ICC/IF              |
|                      | db12753 | FOXA2 Recombinant Rabbit mAb                            | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP    |
|                      | db15909 | FOXA2 Recombinant Rabbit mAb                            | Human             | WB,ICC/IF              |
|                      | db15592 | FOXA2 Recombinant Rabbit mAb                            | Human, Mouse, Rat | WB,IHC,ICC/IF          |
| DARPP32              | db2848  | DARPP32 Rabbit pAb                                      | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP    |
|                      | db20195 | DARPP32 Rabbit pAb                                      | Human             | WB,IHC,ICC/IF,IP       |
|                      | db12184 | DARPP32 Recombinant Rabbit mAb                          | Human, Mouse, Rat | WB, IHC, ICC/IF, FC,IP |
|                      | db13805 | DARPP32 Recombinant Rabbit mAb                          | Human             | WB,IHC,ICC/IF,IP       |
| GAD65                | db20845 | GAD65 Rabbit pAb                                        | Mouse, Rat        | WB,IHC,FC,IP           |
|                      | db6127  | GAD65 (6D5) Mouse mAb                                   | Human, Rat        | WB                     |
|                      | db13620 | GAD65 Recombinant Rabbit mAb                            | Mouse, Rat        | WB,IHC,FC,IP           |
| GAD67                | db1321  | GAD67 Rabbit pAb                                        | Human, Mouse, Rat | WB,IP                  |
|                      | db7892  | GAD67 Rabbit pAb                                        | Human, Mouse, Rat | WB,IHC,IP              |
|                      | db14585 | GAD67 Recombinant Rabbit mAb                            | Human, Mouse, Rat | WB,IHC,ICC/IF,IP       |
|                      | db11089 | GAD67 Recombinant Rabbit mAb                            | Human, Mouse, Rat | WB, IP                 |
| Glutaminase          | db711   | Glutaminase Rabbit pAb                                  | Human             | WB,IHC,ICC/IF,FC       |
|                      | db3118  | Glutaminase C Rabbit pAb                                | Human, Mouse, Rat | WB,ICC/IF,FC,IP        |
|                      | db14298 | Glutaminase C Recombinant Rabbit mAb                    | Human, Mouse, Rat | WB,ICC/IF,FC,IP        |
|                      | db15899 | Glutaminase Recombinant Rabbit mAb                      | Human             | WB,IHC,ICC/IF,FC       |
| Glutamine Synthetase | db929   | Glutamine Synthetase Rabbit pAb                         | Human, Mouse, Rat | WB,IHC                 |
|                      | db131   | Glutamine Synthetase Rabbit pAb                         | Human, Mouse      | WB,IHC                 |
|                      | db11366 | Glutamine Synthetase Recombinant Rabbit mAb             | Human, Mouse, Rat | WB,IHC                 |
|                      | db16046 | Glutamine Synthetase Recombinant Rabbit mAb             | Human, Mouse      | WB,IHC                 |

| 靶标                   | 产品货号    | 产品名称                                             | 反应种属              | 应用                     |
|----------------------|---------|--------------------------------------------------|-------------------|------------------------|
| Glutaminase          | db711   | Glutaminase Rabbit pAb                           | Human             | WB,IHC,ICC/IF,FC       |
|                      | db3118  | Glutaminase C Rabbit pAb                         | Human, Mouse, Rat | WB,ICC/IF,FC,IP        |
|                      | db14298 | Glutaminase C Recombinant Rabbit mAb             | Human, Mouse, Rat | WB,ICC/IF,FC,IP        |
|                      | db15899 | Glutaminase Recombinant Rabbit mAb               | Human             | WB,IHC,ICC/IF,FC       |
| TBR1                 | db5174  | TBR1 Rabbit pAb                                  | Human, Mouse, Rat | WB,IHC                 |
|                      | db14878 | TBR1 Recombinant Rabbit mAb                      | Human, Mouse, Rat | WB,IHC                 |
| Glutamine Synthetase | db929   | Glutamine Synthetase Rabbit pAb                  | Human, Mouse, Rat | WB,IHC                 |
|                      | db131   | Glutamine Synthetase Rabbit pAb                  | Human, Mouse      | WB,IHC                 |
|                      | db11366 | Glutamine Synthetase Recombinant Rabbit mAb      | Human, Mouse, Rat | WB,IHC                 |
|                      | db16046 | Glutamine Synthetase Recombinant Rabbit mAb      | Human, Mouse      | WB,IHC                 |
| VGluT1               | db5950  | VGLUT1 Rabbit pAb                                | Human, Mouse, Rat | WB, IHC, ICC/IF, IP    |
|                      | db5472  | VGluT1 Rabbit pAb                                | Human, Mouse, Rat | WB                     |
|                      | db14836 | VGluT1 Recombinant Rabbit mAb                    | Human, Mouse, Rat | WB                     |
|                      | db11695 | VGLUT1 Recombinant Rabbit mAb                    | Human, Mouse, Rat | WB, IHC, ICC/IF, IP    |
| NMDAR                | db3021  | NMDAR1 Rabbit pAb                                | Human, Mouse, Rat | WB                     |
|                      | db12435 | NMDAR1 Recombinant Rabbit mAb                    | Human, Mouse, Rat | WB, ICC/IF             |
|                      | db3385  | NMDAR2A Rabbit pAb                               | Human, Mouse, Rat | WB                     |
|                      | db339   | NMDAR2A Rabbit pAb                               | Mouse, Rat        | WB                     |
|                      | db12123 | NMDAR2A Recombinant Rabbit mAb                   | Mouse, Rat        | WB                     |
|                      | db15284 | NMDAR2A Recombinant Rabbit mAb                   | Human, Mouse, Rat | WB                     |
|                      | db997   | NMDAR2B Rabbit pAb                               | Human, Mouse, Rat | WB                     |
|                      | db15820 | NMDAR2B Recombinant Rabbit mAb                   | Human, Mouse, Rat | WB                     |
|                      | db15952 | NMDAR2C Recombinant Rabbit mAb                   | Mouse, Rat        | WB                     |
|                      | db1646  | Phospho-NMDAR1 (Ser889) Rabbit pAb               | Human, Mouse, Rat | WB,IHC,ICC/IF,IP       |
|                      | db14078 | Phospho-NMDAR1 (Ser889) Recombinant Rabbit mAb   | Human, Mouse, Rat | WB,IHC,ICC/IF,IP       |
|                      | db20662 | Phospho-NMDAR2B (Ser1303) Rabbit pAb             | Human, Mouse, Rat | WB,ICC/IF              |
|                      | db12696 | Phospho-NMDAR2B (Ser1303) Recombinant Rabbit mAb | Human, Mouse, Rat | WB,ICC/IF              |
|                      | db649   | Phospho-NMDAR2B (Tyr1070) Rabbit pAb             | Human, Mouse      | WB                     |
|                      | db14108 | Phospho-NMDAR2B (Tyr1070) Recombinant Rabbit mAb | Human, Mouse      | WB                     |
| GFAP                 | db1015  | GFAP Rabbit pAb                                  | Human, Mouse,Rat  | WB, IHC,ICC/IF, FC     |
|                      | db8673  | GFAP Rabbit pAb                                  | Human, Mouse, Rat | WB,IHC,IP              |
|                      | db3119  | GFAP Rabbit pAb                                  | Human, Mouse, Rat | WB,IHC,IP              |
|                      | db6433  | GFAP (9A2) Mouse mAb                             | Human, Mouse      | WB,IHC-P,ICC/IF        |
|                      | db11248 | GFAP Recombinant Rabbit mAb                      | Human, Mouse, Rat | WB, IHC, ICC/IF,FC, IP |
|                      | db12000 | GFAP Recombinant Rabbit mAb                      | Human, Mouse, Rat | WB, IHC, ICC/IF, FC    |
|                      | db15379 | GFAP Recombinant Rabbit mAb                      | Human, Mouse, Rat | WB,IHC,IP              |
|                      | db30051 | GFAP Recombinant Rabbit mAb                      | Human             | IHC,WB                 |
| NSE                  | db20544 | NSE Rabbit pAb                                   | Human, Mouse      | IHC                    |
|                      | db917   | NSE Rabbit pAb                                   | Human, Mouse, Rat | WB,IHC,ICC/IF,FC       |
|                      | db151   | NSE Rabbit pAb                                   | Human, Mouse, Rat | WB,FC,IP               |
|                      | db6437  | NSE (4C7) Mouse mAb                              | Human, Mouse, Rat | WB,ICC/IF,IHC-P        |
|                      | db6277  | NSE (1H8) Mouse mAb                              | Human, Mouse, Rat | WB,ELISA               |
|                      | db6276  | NSE (1G7) Mouse mAb                              | Human, Mouse, Rat | WB,ELISA               |
|                      | db30129 | NSE Recombinant Mouse mAb                        | Human             | IHC                    |
|                      | db13671 | NSE Recombinant Rabbit mAb                       | Human, Mouse      | IHC                    |
|                      | db13423 | NSE Recombinant Rabbit mAb                       | Human, Mouse, Rat | WB,FC,IP               |
|                      | db15840 | NSE Recombinant Rabbit mAb                       | Human, Mouse, Rat | WB,IHC,ICC/IF,FC       |

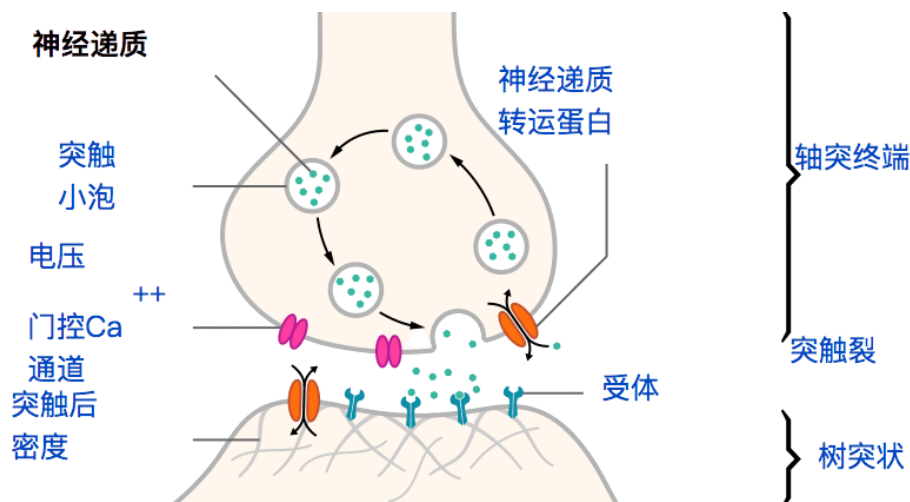
| 靶标    | 产品货号    | 产品名称                                          | 反应种属              | 应用                     |
|-------|---------|-----------------------------------------------|-------------------|------------------------|
| TPH1  | db3640  | Tryptophan Hydroxylase Rabbit pAb             | Human, Mouse,Rat  | WB,IHC,ICC/IF,FC,IP    |
|       | db15238 | Tryptophan Hydroxylase Recombinant Rabbit mAb | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP    |
| CD11b | db21933 | CD11b Rabbit pAb                              | Mouse, Rat        | WB,FC                  |
|       | db9097  | CD11b Rabbit pAb                              | Human             | WB,IHC,ICC/IF,FC,IP    |
|       | db874   | CD11b Rabbit pAb                              | Human, Mouse      | WB,IHC                 |
|       | db603   | CD11b Rabbit pAb                              | Mouse             | WB,ICC/IF,FC,IP        |
|       | db12238 | CD11b Recombinant Rabbit mAb                  | Human,Mouse       | WB,ICC/IF,FC,IP        |
|       | db15861 | CD11b Recombinant Rabbit mAb                  | Human, Mouse      | WB,IHC                 |
|       | db14335 | CD11b Recombinant Rabbit mAb                  | Human             | WB,IHC,ICC/IF,FC,IP    |
|       | db13268 | CD11b Recombinant Rabbit mAb                  | Mouse, Rat        | WB,FC                  |
| CD45  | db6409  | CD45 Mouse mAb                                | Human, Mouse      | WB,IHC-P               |
|       | db4592  | CD45 Rabbit pAb                               | Human             | WB,IHC,ICC/IF,FC       |
|       | db3512  | CD45 Rabbit pAb                               | Human, Mouse      | WB,IP                  |
|       | db6424  | CD45 (8C1) Mouse mAb                          | Human             | ICC/IF,WB,IHC-P        |
|       | db15259 | CD45 Recombinant Rabbit mAb                   | Human, Mouse      | WB,IHC,IP              |
|       | db30063 | CD45 Recombinant Rabbit mAb                   | Human             | IHC,WB                 |
|       | db15010 | CD45 Recombinant Rabbit mAb                   | Human             | WB,IHC,ICC/IF,FC       |
| CD68  | db23597 | CD68 Mouse mAb                                | Human, Mouse, Rat | WB, IHC, ICC/IF, FC,IP |
|       | db3194  | CD68 Rabbit pAb                               | Human             | WB,IHC,ICC/IF          |
|       | db6426  | CD68 (9H5) Mouse mAb                          | Human, Mouse      | IHC-P,ICC/IF           |
|       | db15344 | CD68 Recombinant Rabbit mAb                   | Human             | WB,IHC,ICC/IF          |
|       | db30027 | CD68 Recombinant Rabbit mAb                   | Human             | IHC,FC                 |
| F4/80 | db22751 | F4/80 Rabbit pAb                              | Human             | WB,IHC,ICC/IF,FC       |
|       | db7294  | F4/80 Rabbit pAb                              | Mouse             | FC                     |
|       | db16110 | F4/80 Recombinant Rabbit mAb                  | Mouse             | IHC                    |
|       | db13030 | F4/80 Recombinant Rabbit mAb                  | Human             | WB,IHC,ICC/IF,FC       |
|       | db14703 | F4/80 Recombinant Rabbit mAb                  | Mouse             | FC                     |
| Iba1  | db2881  | Iba1 Rabbit pAb                               | Human, Mouse, Rat | WB,IHC,ICC/IF          |
|       | db2608  | Iba1 Rabbit pAb                               | Human, Mouse, Rat | WB,IHC,ICC/IF,FC       |
|       | db315   | Iba1 Rabbit pAb                               | Human, Mouse, Rat | WB,IHC,ICC/IF,IP       |
|       | db12419 | Iba1 Recombinant Rabbit mAb                   | Human, Mouse, Rat | WB,IHC,ICC/IF,FC       |
|       | db15994 | Iba1 Recombinant Rabbit mAb                   | Human, Mouse, Rat | WB,IHC,ICC/IF,IP       |
|       | db15502 | Iba1 Recombinant Rabbit mAb                   | Human, Mouse, Rat | WB,IHC,ICC/IF,FC       |
| Olig  | db850   | Olig2 Rabbit pAb                              | Human, Mouse, Rat | WB,IHC,ICC/IF          |
|       | db22485 | Olig1 Rabbit pAb                              | Human, Mouse, Rat | WB,FC                  |
|       | db6196  | Olig2 (7A1) Mouse mAb                         | Transfected       | WB                     |
|       | db14405 | Olig1 Recombinant Rabbit mAb                  | Human, Mouse, Rat | WB,FC                  |
|       | db11680 | Olig2 Recombinant Rabbit mAb                  | Human, Mouse, Rat | WB,IHC,ICC/IF          |
|       | db30147 | Olig2 Recombinan Rabbit mAb                   | Human             | IHC                    |
| MBP   | db5475  | Myelin Basic Protein Rabbit pAb               | Human, Mouse, Rat | WB,IHC                 |
|       | db3399  | Myelin Basic Protein Rabbit pAb               | Human, Mouse, Rat | WB                     |
|       | db3397  | Myelin Basic Protein Rabbit pAb               | Human             | WB,IHC                 |
|       | db14893 | Myelin Basic Protein Recombinant Rabbit mAb   | Human             | WB,IHC                 |
|       | db11667 | Myelin Basic Protein Recombinant Rabbit mAb   | Human, Mouse, Rat | WB,IHC                 |
|       | db11374 | Myelin Basic Protein Recombinant Rabbit mAb   | Human, Mouse, Rat | WB                     |
|       | db30075 | Myelin Basic Protein Recombinant Rabbit mAb   | Human             | IHC,WB                 |

| 靶标                  | 产品货号    | 产品名称                                           | 反应种属              | 应用           |
|---------------------|---------|------------------------------------------------|-------------------|--------------|
| SOX10               | db1462  | SOX10 Rabbit pAb                               | Human, Mouse, Rat | WB,ICC/IF,FC |
|                     | db1019  | SOX10 Rabbit pAb                               | Human             | IHC          |
|                     | db12463 | SOX10 Recombinant Rabbit mAb                   | Human, Mouse, Rat | WB,ICC/IF,FC |
|                     | db12273 | SOX10 Recombinant Rabbit mAb                   | Human             | IHC          |
|                     | db30016 | SOX10 Recombinant Rabbit mAb                   | Human             | IHC,WB,FC    |
| S100A1              | db23533 | S100A1 Rabbit pAb                              | Human, Mouse, Rat | WB, ICC/IF   |
|                     | db11527 | S100A1 Recombinant Rabbit mAb                  | Human, Mouse, Rat | WB, ICC/IF   |
| GABA(A)<br>Receptor | db2209  | GABA A Receptor alpha 1 Rabbit pAb             | Human             | WB,IHC       |
|                     | db15613 | GABA A Receptor alpha 1 Recombinant Rabbit mAb | Human             | WB,IHC       |
| AChE                | db8205  | Acetylcholinesterase Rabbit pAb                | Mouse, Rat        | WB,IHC       |
|                     | db14525 | Acetylcholinesterase Recombinant Rabbit mAb    | Mouse, Rat        | WB,IHC       |
| ALDH1L1             | db4074  | ALDH1L1 Rabbit pAb                             | Human, Mouse,Rat  | WB,IHC,IP    |
|                     | db11799 | ALDH1L1 Recombinant Rabbit mAb                 | Human, Mouse, Rat | WB, IHC, IP  |

## 神经信号传递

神经信号是一种电信号，其传导速度极快，信号在神经上传递时表现为电位变化，但在胞体间传递时却有不同介质。神经信号传递是指将动作电位（神经冲动、信号）沿着其轴索进行运送，以及将信号从一个神经元传递至另一神经元或传递至一个效应细胞引发的相应的反应。神经元是能处理电化学信号的特殊细胞，最主要的功能是通过突触进行细胞间的信息传递。它的树突和轴突分别承担信号输入和输出的功能。发出信号的神经元称为突触前细胞，而接受信号的神经元则称为突触后细胞，二者之间的胞外间隙称为突触。

突触前细胞中的配体和电压门控离子通道，通过控制离子涌入调控膜电位。阳离子快速涌入细胞会去极化突触前神经元，触发动作电位，通过轴突传播到突触前末端。在电压门控钙通道的作用下，钙离子涌入突触前末端，含有神经递质的突触囊泡会结合突触前膜，释放神经递质到胞外。这些神经递质穿过突触，结合到突触后细胞树突上部的突触后受体，从而完成神经信号传递。整个信号传递过程中，包括G蛋白偶联受体、受体酪氨酸激酶和离子通道等数十种细胞受体将参与其中。这些受体通过行使不同的功能，向不同的神经元传递信号，从而调控多种关键的生命活动进程。



| 靶标                  | 产品货号    | 产品名称                                                             | 反应种属              | 应用                  |
|---------------------|---------|------------------------------------------------------------------|-------------------|---------------------|
| Adrenergic Receptor | db1583  | beta 2 Adrenergic Receptor Rabbit pAb                            | Human, Mouse, Rat | WB,IHC,IP           |
|                     | db5677  | alpha 1 Adrenergic Receptor Rabbit pAb                           | Human, Mouse      | WB,IP               |
|                     | db7880  | alpha 1b Adrenergic Receptor Rabbit pAb                          | Human, Mouse, Rat | WB,ICC/IF,FC        |
|                     | db1028  | alpha 1a Adrenergic Receptor Rabbit pAb                          | Human, Mouse, Rat | WB,IHC,FC           |
|                     | db15739 | beta 2 Adrenergic Receptor Recombinant Rabbit mAb                | Human, Mouse, Rat | WB,IHC,IP           |
|                     | db14798 | alpha 1 Adrenergic Receptor Recombinant Rabbit mAb               | Human, Mouse      | WB,IP               |
|                     | db14586 | alpha 1b Adrenergic Receptor Recombinant Rabbit mAb              | Human, Mouse, Rat | WB,IHC              |
|                     | db12890 | alpha 1a Adrenergic Receptor Recombinant Rabbit mAb              | Human, Mouse, Rat | WB,IHC,FC           |
| 5-HT Receptor       | db4401  | 5HT2C Receptor Rabbit pAb                                        | Human, Mouse, Rat | WB                  |
|                     | db15044 | 5HT2C Receptor Recombinant Rabbit mAb                            | Human, Mouse, Rat | WB                  |
| Dopamine Receptor   | db3880  | Dopamine Receptor D1 Rabbit pAb                                  | Human, Mouse, Rat | WB                  |
|                     | db20410 | Dopamine Receptor D3/DRD3 Rabbit pAb                             | Human, Mouse, Rat | WB                  |
|                     | db15171 | Dopamine Receptor D1 Recombinant Rabbit mAb                      | Human, Mouse, Rat | WB                  |
|                     | db13744 | Dopamine Receptor D3/DRD3 Recombinant Rabbit mAb                 | Human, Mouse, Rat | WB                  |
| GABA B Receptor     | db15189 | GABA B Receptor 2 Recombinant Rabbit mAb                         | Human, Mouse, Rat | WB,IHC,FC           |
|                     | db3845  | GABA B Receptor 2 Rabbit pAb                                     | Human, Mouse, Rat | WB,IHC,ICC/IF,FC    |
|                     | db2220  | Phospho-GABA B Receptor 2 (Ser893) Rabbit pAb                    | Human, Rat        | WB,IHC              |
|                     | db20709 | Phospho-GABA B Receptor 2/GABBR2 (Ser884) Rabbit pAb             | Human, Mouse      | WB,ICC/IF,IP        |
|                     | db14025 | Phospho-GABA B Receptor 2 (Ser893) Recombinant Rabbit mAb        | Human, Rat        | WB,IHC              |
|                     | db12693 | Phospho-GABA B Receptor 2/GABBR2 (Ser884) Recombinant Rabbit mAb | Human, Mouse      | WB,ICC/IF,IP        |
| Ephrin Receptor     | db7367  | Ephrin receptor A2 Rabbit pAb                                    | Mouse, Rat        | WB,ICC/IF,FC,IP     |
|                     | db20345 | Ephrin Receptor B1 Rabbit pAb                                    | Human, Mouse, Rat | WB,IP               |
|                     | db6397  | Ephrin Receptor B1 (9B4) Mouse mAb                               | Human             | WB,IHC-P            |
|                     | db14170 | Ephrin Receptor B1 Recombinant Rabbit mAb                        | Human, Mouse, Rat | WB,IP               |
|                     | db12467 | Ephrin receptor A2 Recombinant Rabbit mAb                        | Mouse, Rat        | WB,ICC/IF,FC,IP     |
| Trk                 | db21537 | TrkA Rabbit pAb                                                  | Human, Mouse, Rat | WB,IHC              |
|                     | db4851  | TrkA Rabbit pAb                                                  | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP |
|                     | db3625  | TrkB Rabbit pAb                                                  | Mouse, Rat        | WB,IHC,IP           |
|                     | db2266  | TrkB Rabbit pAb                                                  | Human             | WB,IHC,IP           |
|                     | db1802  | TrkA Rabbit pAb                                                  | Human, Mouse, Rat | WB,FC,IP            |
|                     | db59    | TrkA/B/C Rabbit pAb                                              | Human, Mouse, Rat | WB,IHC,ICC/IF       |
|                     | db14636 | TrkB Recombinant Rabbit mAb                                      | Mouse, Rat        | WB,IHC,IP           |
|                     | db15696 | TrkA Recombinant Rabbit mAb                                      | Human, Mouse, Rat | WB,FC,IP            |
|                     | db15596 | TrkB Recombinant Rabbit mAb                                      | Human             | WB,IHC,IP           |
|                     | db14957 | TrkA Recombinant Rabbit mAb                                      | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP |
|                     | db13400 | TrkA Recombinant Rabbit mAb                                      | Human, Mouse, Rat | WB,IHC              |
|                     | db11503 | Trk B Recombinant Rabbit mAb                                     | Human, Mouse, Rat | WB, IHC, ICC/IF     |
|                     | db21934 | Phospho-TrkB (Tyr706) Rabbit pAb                                 | Human             | WB                  |
|                     | db20439 | Phospho-TrkB (Tyr705) Rabbit pAb                                 | Human, Mouse, Rat | WB                  |
|                     | db12636 | Phospho-TrkB (Tyr706) Recombinant Rabbit mAb                     | Human             | WB                  |

| 靶标                                   | 产品货号    | 产品名称                                                                        | 反应种属              | 应用               |
|--------------------------------------|---------|-----------------------------------------------------------------------------|-------------------|------------------|
| Muscarinic Acetylcholine Receptor    | db2565  | Muscarinic Acetylcholine Receptor 2 Rabbit pAb                              | Human, Mouse, Rat | WB,IHC,IP        |
|                                      | db13920 | Muscarinic Acetylcholine Receptor 2 Recombinant Rabbit mAb                  | Human, Mouse, Rat | WB,IHC,IP        |
| Glutamate Receptor                   | db558   | Glutamate Receptor 1 Rabbit pAb                                             | Human, Mouse, Rat | WB,IHC,IP        |
|                                      | db2429  | Glutamate receptor 3 Rabbit pAb                                             | Human, Mouse, Rat | WB               |
|                                      | db12600 | Glutamate Receptor 1 Recombinant Rabbit mAb                                 | Human, Mouse, Rat | WB,IHC,IP        |
|                                      | db15542 | Glutamate receptor 3 Recombinant Rabbit mAb                                 | Human, Mouse, Rat | WB               |
|                                      | db3836  | Glutamate Receptor 1 (AMPA subtype) Rabbit pAb                              | Human, Mouse, Rat | WB,IHC,IP        |
|                                      | db2095  | Glutamate Receptor 1 (AMPA subtype) Rabbit pAb                              | Human             | WB,IHC,IP        |
|                                      | db15629 | Glutamate Receptor 1 (AMPA subtype) Recombinant Rabbit mAb                  | Human             | WB,IHC,IP        |
|                                      | db15193 | Glutamate Receptor 1 (AMPA subtype) Recombinant Rabbit mAb                  | Human, Mouse, Rat | WB,IHC,IP        |
|                                      | db2847  | Phospho-Glutamate Receptor 1 (AMPA subtype) (Ser831) Rabbit pAb             | Human, Mouse, Rat | WB,IP            |
|                                      | db11874 | Phospho-Glutamate Receptor 1 (AMPA Subtype) (Ser845) Recombinant Rabbit mAb | Human, Mouse, Rat | WB               |
|                                      | db13997 | Phospho-Glutamate Receptor 1 (AMPA subtype) (Ser831) Recombinant Rabbit mAb | Human, Mouse, Rat | WB,IP            |
| NMDAR                                | db3021  | NMDAR1 Rabbit pAb                                                           | Human, Mouse, Rat | WB               |
|                                      | db12435 | NMDAR1 Recombinant Rabbit mAb                                               | Human, Mouse, Rat | WB, ICC/IF       |
|                                      | db3385  | NMDAR2A Rabbit pAb                                                          | Human, Mouse, Rat | WB               |
|                                      | db339   | NMDAR2A Rabbit pAb                                                          | Mouse, Rat        | WB               |
|                                      | db12123 | NMDAR2A Recombinant Rabbit mAb                                              | Mouse, Rat        | WB               |
|                                      | db15284 | NMDAR2A Recombinant Rabbit mAb                                              | Human, Mouse, Rat | WB               |
|                                      | db997   | NMDAR2B Rabbit pAb                                                          | Human, Mouse, Rat | WB               |
|                                      | db15820 | NMDAR2B Recombinant Rabbit mAb                                              | Human, Mouse, Rat | WB               |
|                                      | db15952 | NMDAR2C Recombinant Rabbit mAb                                              | Mouse, Rat        | WB               |
|                                      | db1646  | Phospho-NMDAR1 (Ser889) Rabbit pAb                                          | Human, Mouse, Rat | WB,IHC,ICC/IF,IP |
|                                      | db14078 | Phospho-NMDAR1 (Ser889) Recombinant Rabbit mAb                              | Human, Mouse, Rat | WB,IHC,ICC/IF,IP |
|                                      | db20662 | Phospho-NMDAR2B (Ser1303) Rabbit pAb                                        | Human, Mouse, Rat | WB,ICC/IF        |
|                                      | db12696 | Phospho-NMDAR2B (Ser1303) Recombinant Rabbit mAb                            | Human, Mouse, Rat | WB,ICC/IF        |
|                                      | db649   | Phospho-NMDAR2B (Tyr1070) Rabbit pAb                                        | Human, Mouse      | WB               |
|                                      | db14108 | Phospho-NMDAR2B (Tyr1070) Recombinant Rabbit mAb                            | Human, Mouse      | WB               |
| Transient Receptor Potential Channel | db4665  | TRP1 Rabbit pAb                                                             | Human, Mouse, Rat | WB,IHC,ICC/IF,FC |
|                                      | db9879  | TRP2 Rabbit pAb                                                             | Human, Mouse      | WB,IHC,IP        |
|                                      | db8461  | TRPV5 Rabbit pAb                                                            | Human, Mouse, Rat | WB,IHC,FC,IP     |
|                                      | db3778  | TRPM7 Rabbit pAb                                                            | Human, Mouse, Rat | WB,ICC/IF,FC     |
|                                      | db2015  | TRPM8 Rabbit pAb                                                            | Human, Mouse      | WB,ICC/IF        |
|                                      | db14144 | TRP2 Recombinant Rabbit mAb                                                 | Human, Mouse      | WB,IHC,IP        |
|                                      | db12927 | TRP1 Recombinant Rabbit mAb                                                 | Human, Mouse, Rat | WB,IHC,ICC/IF,FC |
|                                      | db11189 | TRPV5 Recombinant Rabbit mAb                                                | Human, Mouse, Rat | WB,IHC,FC,IP     |
|                                      | db15654 | TRPM8 Recombinant Rabbit mAb                                                | Human, Mouse      | WB,ICC/IF        |
|                                      | db15209 | TRPM7 Recombinant Rabbit mAb                                                | Human, Mouse, Rat | WB,ICC/IF,FC     |
|                                      | db30189 | TRPS1 Recombinant Rabbit mAb                                                | Human             | IHC,WB           |

| 靶标                    | 产品货号    | 产品名称                                         | 反应种属              | 应用                     |
|-----------------------|---------|----------------------------------------------|-------------------|------------------------|
| Adenosine A1 Receptor | db8514  | Adenosine A1 Receptor Rabbit pAb             | Human             | WB,IHC,ICC/IF,FC,IP    |
|                       | db11239 | Adenosine A1 Receptor Recombinant Rabbit mAb | Human             | WB, IHC, ICC/IF, FC,IP |
| SNAP25                | db21234 | SNAP25 Rabbit pAb                            | Human, Mouse, Rat | WB,ICC/IF,FC,IP        |
|                       | db9076  | SNAP25 Rabbit pAb                            | Human, Mouse, Rat | WB,IHC,ICC/IF          |
|                       | db14847 | SNAP25 Recombinant Rabbit mAb                | Human, Mouse, Rat | WB,IHC,ICC/IF          |
|                       | db11478 | SNAP25 Recombinant Rabbit mAb                | Human, Mouse, Rat | WB, ICC/IF, FC, IP     |
| P2Y6                  | db645   | P2Y6 Rabbit pAb                              | Human             | WB,IHC,ICC/IF,IP       |
|                       | db12145 | P2Y6 Recombinant Rabbit mAb                  | Human             | WB,IHC,ICC/IF,IP       |
| P2Y12                 | db20282 | P2Y12 Rabbit pAb                             | Human, Mouse, Rat | WB,IP                  |
|                       | db12249 | P2Y12 Recombinant Rabbit mAb                 | Human, Mouse, Rat | WB,IP                  |
| P2Y13                 | db22289 | P2Y13 Rabbit pAb                             | Human, Mouse, Rat | WB                     |
|                       | db12302 | P2Y13 Recombinant Rabbit mAb                 | Human, Mouse, Rat | WB                     |
| Calmodulin            | db5756  | Calmodulin Rabbit pAb                        | Human, Mouse, Rat | WB, IHC, FC, IP        |
|                       | db2031  | Calmodulin 3 Rabbit pAb                      | Human, Mouse, Rat | WB,FC,IP               |
|                       | db12405 | Calmodulin Recombinant Rabbit mAb            | Human, Mouse, Rat | WB, IHC, FC, IP        |
|                       | db15647 | Calmodulin 3 Recombinant Rabbit mAb          | Human, Mouse, Rat | WB,FC,IP               |
| Calreticulin          | db2680  | Calreticulin Rabbit pAb                      | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP    |
|                       | db15496 | Calreticulin Recombinant Rabbit mAb          | Human, Mouse, Rat | WB,IHC,ICC/IF,FC       |

## 神经内分泌

神经内分泌主要指神经系统和内分泌系统之间的调控关系，比如神经系统如何调节内分泌系统、内分泌系统如何影响神经功能、神经元的内分泌功能等等。神经内分泌细胞是一种特化的神经元，通过突触接受其他神经元传递的电化学信号，以释放神经激素的方式通过血管或者旁分泌，调节器官的功能。

神经内分泌细胞广泛分布于中枢神经系统及周围血管中，主要通过分泌下丘脑释放激素来发挥作用，影响下丘脑区域的激素调控，下丘脑通过垂体控制生物体内的大部分激素，从而调节睡眠、生殖和压力反应等生命过程。

| 靶标             | 产品货号    | 产品名称                                           | 反应种属              | 应用         |
|----------------|---------|------------------------------------------------|-------------------|------------|
| Growth Hormone | db20376 | Growth Hormone Rabbit pAb                      | Human             | WB,IHC,IP  |
|                | db7353  | Growth Hormone Rabbit pAb                      | Human             | WB,IHC     |
|                | db4717  | Growth Hormone Rabbit pAb                      | Human             | WB         |
|                | db847   | Growth hormone receptor Rabbit pAb             | Human, Mouse, Rat | WB,FC,IP   |
|                | db30158 | Growth Hormone Recombinant Mouse mAb           | Human             | IHC        |
|                | db14985 | Growth Hormone Recombinant Rabbit mAb          | Human             | WB         |
|                | db14686 | Growth Hormone Recombinant Rabbit mAb          | Human             | WB,IHC     |
|                | db13758 | Growth Hormone Recombinant Rabbit mAb          | Human             | WB,IHC,IP  |
|                | db12122 | Growth Hormone Receptor Recombinant Rabbit mAb | Human, Mouse, Rat | WB, FC, IP |

| 靶标                       | 产品货号    | 产品名称                                                                   | 反应种属              | 应用                       |
|--------------------------|---------|------------------------------------------------------------------------|-------------------|--------------------------|
| Somatostatin Receptor    | db20165 | Somatostatin Receptor 1/SSTR1 Rabbit pAb                               | Human             | WB,ICC/IF                |
|                          | db13812 | Somatostatin Receptor 1/SSTR1 Recombinant Rabbit mAb                   | Human             | WB,ICC/IF                |
|                          | db988   | Somatostatin Receptor 2 Rabbit pAb                                     | Human, Mouse, Rat | WB,IHC,IP                |
|                          | db15823 | Somatostatin Receptor 2 Recombinant Rabbit mAb                         | Human, Mouse, Rat | WB,IHC,IP                |
|                          | db3857  | Somatostatin Receptor 3 Rabbit pAb                                     | Human             | WB,FC                    |
|                          | db14534 | Somatostatin Receptor 3 Recombinant Rabbit mAb                         | Human             | WB,FC                    |
|                          | db21038 | Somatostatin Receptor 5 Rabbit pAb                                     | Human, Mouse, Rat | WB,FC                    |
|                          | db707   | Somatostatin Receptor 5 Rabbit pAb                                     | Human             | WB,IHC,ICC/IF            |
|                          | db15902 | Somatostatin Receptor 5 Recombinant Rabbit mAb                         | Human             | WB,IHC,ICC/IF            |
|                          | db13560 | Somatostatin Receptor 5 Recombinant Rabbit mAb                         | Human, Mouse, Rat | WB,FC                    |
| Thyrotropin              | db20549 | Thyrotropin Subunit beta Rabbit pAb                                    | Human             | WB,IHC                   |
|                          | db13883 | Thyrotropin Subunit beta Recombinant Rabbit mAb                        | Human             | WB,IHC                   |
| Thyrotropin Receptor     | db2938  | TSH Receptor Rabbit pAb                                                | Human             | IHC                      |
|                          | db15446 | TSH Receptor Recombinant Rabbit mAb                                    | Human             | IHC                      |
| Thyroid Peroxidase       | db20540 | Thyroid Peroxidase/TPO Rabbit pAb                                      | Human             | WB,IHC,IP                |
|                          | db13677 | Thyroid Peroxidase/TPO Recombinant Rabbit mAb                          | Human             | WB,IHC,IP                |
| Oxytocin Receptor        | db2464  | Oxytocin Receptor Rabbit pAb                                           | Human, Mouse, Rat | WB                       |
|                          | db15539 | Oxytocin Receptor Recombinant Rabbit mAb                               | Human, Mouse, Rat | WB                       |
| Thyroid Hormone Receptor | db4065  | Thyroid Hormone Receptor alpha Rabbit pAb                              | Human             | WB                       |
|                          | db15122 | Thyroid Hormone Receptor alpha Recombinant Rabbit mAb                  | Human             | WB                       |
| Progesterone Receptor    | db288   | Progesterone Receptor Rabbit pAb                                       | Human             | WB,IHC,ICC/IF,FC,IP      |
|                          | db6474  | Progesterone Receptor (8H3) Mouse mAb                                  | Human, Mouse, Rat | IHC-P,IHC-F,ICC/IF       |
|                          | db16004 | Progesterone Receptor Recombinant Rabbit mAb                           | Human             | WB,IHC,ICC/IF,FC,IP      |
|                          | db30069 | Progesterone Receptor Recombinant Rabbit mAb                           | Human             | IHC                      |
|                          | db30115 | Progesterone Receptor Recombinant Rabbit mAb                           | Human             | IHC                      |
|                          | db9328  | Phospho-Progesterone Receptor (Ser190) Rabbit pAb                      | Human             | WB,IHC,ICC/IF,IP         |
|                          | db12577 | Phospho-Progesterone Receptor (Ser190) Recombinant Rabbit mAb          | Human             | WB,IHC,ICC/IF,IP         |
| POMC                     | db8893  | POMC Rabbit pAb                                                        | Human, Mouse, Rat | WB,IHC                   |
|                          | db2437  | POMC Rabbit pAb                                                        | Human, Mouse, Rat | WB,IHC,IP                |
|                          | db15541 | POMC Recombinant Rabbit mAb                                            | Human, Mouse, Rat | WB,IHC,IP                |
|                          | db12826 | POMC Recombinant Rabbit mAb                                            | Human, Mouse, Rat | WB,IHC                   |
| Oxytocin                 | db5246  | Oxytocin Rabbit pAb                                                    | Mouse, Rat        | WB,IHC                   |
|                          | db14867 | Oxytocin Recombinant Rabbit mAb                                        | Mouse, Rat        | WB,IHC                   |
| Estrogen Receptor        | db30017 | Estrogen Receptor (ER) $\alpha$ Recombinant Rabbit mAb                 | Human             | IHC,FC                   |
|                          | db30118 | Estrogen Receptor (ER) $\alpha$ Recombinant Rabbit mAb                 | Human             | IHC                      |
|                          | db6157  | Estrogen Receptor alpha (6F11) Mouse mAb                               | Transfected       | WB                       |
|                          | db8899  | Estrogen Receptor alpha Rabbit pAb                                     | Human             | WB,IHC                   |
|                          | db449   | Estrogen Receptor alpha Rabbit pAb                                     | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP,ChIP |
|                          | db95    | Estrogen Receptor alpha Rabbit pAb                                     | Human             | WB,IHC,ICC/IF,FC         |
|                          | db12490 | Estrogen Receptor alpha Recombinant Rabbit mAb                         | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP      |
|                          | db14385 | Estrogen Receptor alpha Recombinant Rabbit mAb                         | Human             | WB,IHC                   |
|                          | db16056 | Estrogen Receptor alpha Recombinant Rabbit mAb                         | Human             | WB,IHC,ICC/IF,FC         |
|                          | db1694  | Phospho-Estrogen Receptor alpha (Ser104/Ser106) Rabbit pAb             | Human             | WB,ICC/IF                |
|                          | db14073 | Phospho-Estrogen Receptor alpha (Ser104/Ser106) Recombinant Rabbit mAb | Human             | WB,ICC/IF                |
|                          | db1660  | Phospho-Estrogen Receptor alpha (Ser118) Rabbit pAb                    | Human             | WB,IHC,ICC/IF            |
|                          | db14075 | Phospho-Estrogen Receptor alpha (Ser118) Recombinant Rabbit mAb        | Human             | WB,IHC,ICC/IF            |

# 神经退行性疾病

神经系统是极其复杂的系统，它对体内生理功能的调节起着主导性作用。在正常生理情况下，神经系统是稳定运作的，但当机体受到某些遗传或环境因素的影响时，神经系统的功能受到干扰可能会出现病变。神经退行性疾病就是由于神经系统中，神经元结构或功能逐渐丧失，而导致的一类神经功能障碍疾病。

## 帕金森症

又称震颤麻痹，是一种中枢神经系统的慢性疾病。它是由于黑质中多巴胺神经变性，引起多巴胺含量明显下降，胆碱能神经功能相对占优势而引起的疾病。其症状表现为：静止性震颤、运动迟缓、肌肉强直、姿态不稳、四肢抖动，其中四肢抖动在静止时明显，活动时减轻、激动时加重，睡眠时消失。抖动的顺序从一侧上肢开始，再到同侧下肢，再到同侧肢体。患者日常活动和运动均减慢，颜面缺乏表情即面具脸，吞咽困难，致流涎；少动、语音低调，起居翻身困难；行走时，步距缩短，一旦迈步，有“慌张步态”。帕金森是一种慢性疾病，一般不能自行缓解，必须长期服药治疗。

| 靶标              | 产品货号    | 产品名称                                                    | 反应种属              | 应用                      |
|-----------------|---------|---------------------------------------------------------|-------------------|-------------------------|
| PGP9.5          | db2612  | PGP9.5 Rabbit pAb                                       | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP     |
|                 | db1854  | PGP9.5 Rabbit pAb                                       | Human, Mouse, Rat | WB,IHC,ICC/IF,IP        |
|                 | db6161  | PGP9.5 (7B8) Mouse mAb                                  | Human, Monkey     | WB,ICC/IF               |
|                 | db6162  | PGP9.5 (7B8G5E7) Mouse mAb                              | Human             | WB,ICC/IF               |
|                 | db11099 | PGP9.5 Recombinant Rabbit mAb                           | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP     |
|                 | db15684 | PGP9.5 Recombinant Rabbit mAb                           | Human, Mouse, Rat | WB,IHC,ICC/IF,IP        |
| Alpha Synuclein | db180   | alpha Synuclein Rabbit pAb                              | Human             | WB,IHC,ICC/IF,FC,IP     |
|                 | db16029 | alpha Synuclein Recombinant Rabbit mAb                  | Human             | WB,IHC,ICC/IF,FC,IP     |
|                 | db826   | Phospho-alpha Synuclein (Ser129) Rabbit pAb             | Human, Mouse, Rat | WB,IHC,ICC/IF           |
|                 | db14104 | Phospho-alpha Synuclein (Ser129) Recombinant Rabbit mAb | Human, Mouse, Rat | WB,IHC,ICC/IF           |
| DJ1             | db5250  | PARK7/DJ1 Rabbit pAb                                    | Human             | WB, ICC/IF, FC, IP      |
|                 | db1214  | PARK7/DJ1 Rabbit pAb                                    | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP     |
|                 | db2804  | PARK7/DJ1 Rabbit pAb                                    | Human             | WB                      |
|                 | db11078 | PARK7/DJ1 Recombinant Rabbit mAb                        | Human, Mouse, Rat | WB, IHC, ICC/IF, FC, IP |
|                 | db15477 | PARK7/DJ1 Recombinant Rabbit mAb                        | Human             | WB                      |
|                 | db11865 | PARK7/DJ1 Recombinant Rabbit mAb                        | Human             | WB, ICC/IF, FC, IP      |

| 靶标    | 产品货号    | 产品名称                                        | 反应种属              | 应用                       |
|-------|---------|---------------------------------------------|-------------------|--------------------------|
| Nrf2  | db3180  | Nrf2 Rabbit pAb                             | Human, Mouse      | WB,IHC,ICC/IF,FC,IP,ChIP |
|       | db523   | Phospho-Nrf2 (Ser40) Rabbit pAb             | Human             | WB,IHC,ICC/IF,FC         |
|       | db15352 | Nrf2 Rabbit Recombinant Rabbit mAb          | Human, Mouse      | WB,IHC,ICC/IF,FC,IP      |
|       | db14010 | Phospho-Nrf2 (Ser40) Recombinant Rabbit mAb | Human, Pig        | WB,IHC,ICC/IF,FC         |
| p53   | db2806  | p53 Rabbit pAb                              | Human             | WB, IHC, ICC/IF, FC, IP  |
|       | db9370  | p53 Rabbit pAb                              | Human, Mouse      | WB, ICC/IF, FC, IP       |
|       | db9894  | p53 Rabbit pAb                              | Mouse             | WB,ICC/IF,FC,IP          |
|       | db3246  | p53 Rabbit pAb                              | Human             | WB,IHC,ICC/IF            |
|       | db488   | p53 Rabbit pAb                              | Human             | WB,ICC/IF                |
|       | db30148 | p53 Recombinant Mouse mAb                   | Human             | IHC                      |
|       | db14679 | p53 Recombinant Rabbit mAb                  | Mouse             | WB,ICC/IF,FC,IP          |
|       | db12023 | p53 Recombinant Rabbit mAb                  | Human             | WB,ICC/IF                |
|       | db15330 | p53 Recombinant Rabbit mAb                  | Human             | WB,IHC,ICC/IF            |
|       | db11663 | p53 Recombinant Rabbit mAb                  | Human, Mouse      | WB, ICC/IF, FC, IP       |
|       | db11669 | p53 Recombinant Rabbit mAb                  | Human             | WB, IHC, ICC/IF, FC, IP  |
|       | db5327  | Phospho-p53 (Ser15) Rabbit pAb              | Human             | WB,IHC,ICC/IF,IP         |
|       | db13928 | Phospho-p53 (Ser15) Recombinant Rabbit mAb  | Human             | WB,IHC,ICC/IF,IP         |
|       | db3404  | Phospho-p53 (Ser37) Rabbit pAb              | Human             | WB                       |
|       | db13975 | Phospho-p53 (Ser37) Recombinant Rabbit mAb  | Human             | WB                       |
|       | db21514 | Phospho-p53 (Ser376) Rabbit pAb             | Human             | WB                       |
|       | db12653 | Phospho-p53 (Ser376) Recombinant Rabbit mAb | Human             | WB                       |
|       | db6     | Phospho-p53 (Ser392) Rabbit pAb             | Human, Mouse, Rat | WB,IHC,IP                |
|       | db33    | Phospho-p53 (Ser392) Rabbit pAb             | Human             | WB,IHC,ICC/IF,IP         |
|       | db14129 | Phospho-p53 (Ser392) Recombinant Rabbit mAb | Human             | WB,IHC,ICC/IF,IP         |
|       | db12599 | Phospho-p53 (Ser392) Recombinant Rabbit mAb | Human, Mouse, Rat | WB,IHC,IP                |
|       | db2581  | Phospho-p53 (Ser46) Rabbit pAb              | Human             | WB,IHC,ICC/IF,IP         |
|       | db14012 | Phospho-p53 (Ser46) Recombinant Rabbit mAb  | Human             | WB,IHC,ICC/IF,IP         |
|       | db20824 | Phospho-p53 (Ser6) Rabbit pAb               | Human             | WB,IHC,IP                |
|       | db11095 | Phospho-p53 (Ser6) Recombinant Rabbit mAb   | Human             | WB,IHC,IP                |
|       | db21129 | Phospho-p53 (Thr55) Rabbit pAb              | Human             | WB                       |
|       | db12668 | Phospho-p53 (Thr55) Recombinant Rabbit mAb  | Human             | WB                       |
| PINK1 | db3331  | PINK1 Rabbit pAb                            | Human             | WB,ICC/IF,IP             |
|       | db15300 | PINK1 Recombinant Rabbit mAb                | Human             | WB,ICC/IF,IP             |

## 阿尔兹海默病

阿尔兹海默症是一种起病隐匿的进行性认知和记忆力损害为主的中枢发展的神经系统退行性疾病，同时也是一种中枢神经系统变性病，是大脑变性中最常见的病症。最先出现是健忘，后出现进行性智能减退，反应迟钝，分析、综合、理解、判断能力下降，重复语音和刻板动作。90%的 AD 患者在神经冲动传输过程中缺乏胆碱。乙酰胆碱(Ach)是一种重要的神经递质，参与神经信号的传导，与学习、记忆密切相关。再次，AD 患者的脑神经细胞凋亡率要比正常人的高 40 倍左右，因此神经细胞凋亡可能是中枢神经系统衰退的主要原因之一。

| 靶标              | 产品货号    | 产品名称                                                                     | 反应种属                      | 应用                      |
|-----------------|---------|--------------------------------------------------------------------------|---------------------------|-------------------------|
| AKT             | db1672  | AKT1 Rabbit pAb                                                          | Human, Mouse              | WB,IHC,ICC/IF,FC,IP     |
|                 | db15719 | AKT1 Recombinant Rabbit mAb                                              | Human, Mouse              | WB,IHC,ICC/IF,FC,IP     |
|                 | db3515  | AKT1/2 Rabbit pAb                                                        | Human, Mouse, Rat         | WB,IHC,ICC/IF,FC,IP     |
|                 | db767   | AKT1/2 Rabbit pAb                                                        | Human, Mouse, Rat         | WB,IHC,ICC/IF,FC        |
|                 | db12479 | AKT1/2 Recombinant Rabbit mAb                                            | Human, Mouse, Rat         | WB,IHC,ICC/IF,FC,IP     |
|                 | db15890 | AKT1/2 Recombinant Rabbit mAb                                            | Human, Mouse, Rat         | WB,IHC,ICC/IF,FC        |
|                 | db6565  | AKT1/2/3 (2A1) Mouse mAb                                                 | Human, Rat, Mouse         | IHC-P                   |
|                 | db6344  | AKT1/2/3 Mouse mAb                                                       | Human, Mouse, Rat         | WB,IP                   |
|                 | db5728  | AKT1/2/3 Rabbit pAb                                                      | Human, Mouse, Rat         | WB,IHC,ICC/IF,FC,IP     |
|                 | db5830  | AKT1/2/3 Rabbit pAb                                                      | Human, Mouse, Rat         | WB,ICC/IF               |
|                 | db1607  | AKT1/2/3 Rabbit pAb                                                      | Human, Mouse, Rat         | WB,IHC,ICC/IF,FC,IP     |
|                 | db11977 | AKT1/2/3 Recombinant Rabbit mAb                                          | Human, Mouse, Rat         | WB, IHC, ICC/IF, FC, IP |
|                 | db14689 | AKT1/2/3 Recombinant Rabbit mAb                                          | Human, Mouse, Rat         | WB,ICC/IF               |
|                 | db15734 | AKT1/2/3 Recombinant Rabbit mAb                                          | Human, Mouse, Rat         | WB,IHC,ICC/IF,FC,IP     |
|                 | db1782  | AKT1/3 Rabbit pAb                                                        | Human, Mouse, Rat         | WB,IHC,ICC/IF,IP        |
|                 | db12536 | AKT1/3 Recombinant Rabbit mAb                                            | Human, Mouse, Rat         | WB,IHC,ICC/IF,IP        |
|                 | db20221 | Phospho-AKT1 (Ser124) Rabbit pAb                                         | Human, Mouse, Rat         | WB,IP                   |
|                 | db12718 | Phospho-AKT1 (Ser124) Recombinant Rabbit mAb                             | Human, Mouse, Rat         | WB,IP                   |
|                 | db8405  | Phospho-AKT1 (Ser129) Rabbit pAb                                         | Human, Mouse, Rat         | WB                      |
|                 | db13907 | Phospho-AKT1 (Ser129) Recombinant Rabbit mAb                             | Human, Mouse, Rat         | WB                      |
|                 | db3626  | Phospho-AKT1 (Ser473) Rabbit pAb                                         | Human, Mouse, Rat         | WB, IHC, ICC/IF         |
|                 | db1727  | Phospho-AKT1 (Ser473) Rabbit pAb                                         | Human, Mouse, Rat         | WB,IHC,ICC/IF           |
|                 | db14851 | Phospho-AKT1 (Ser473) Recombinant Rabbit mAb                             | Human, Mouse, Rat         | WB,IHC,ICC/IF           |
|                 | db11197 | Phospho-AKT1 (Ser473) Recombinant Rabbit mAb                             | Human, Mouse, Rat         | WB, IHC, ICC/IF         |
|                 | db3030  | Phospho-AKT1 (Ser473)/AKT2 (Ser474)/AKT3 (Ser472) Rabbit pAb             | Human, Mouse, Rat         | WB,ICC/IF,IP            |
|                 | db13991 | Phospho-AKT1 (Ser473)/AKT2 (Ser474)/AKT3 (Ser472) Recombinant Rabbit mAb | Human, Mouse, Rat         | WB,ICC/IF,IP            |
|                 | db20482 | Phospho-AKT1 (Thr450) Rabbit pAb                                         | Human, Mouse, Rat         | WB,IHC,IP               |
|                 | db11063 | Phospho-AKT1 (Thr450) Recombinant Rabbit mAb                             | Human, Mouse, Rat         | WB,IHC,IP               |
| CDK5            | db2767  | CDK5 Rabbit pAb                                                          | Human, Mouse, Rat         | WB,IHC,ICC/IF,FC,IP     |
|                 | db6097  | CDK5 (2E8) Mouse mAb                                                     | Human, Mouse, Rat, Monkey | WB,ICC/IF               |
|                 | db12466 | CDK5 Recombinant Rabbit mAb                                              | Human, Mouse, Rat         | WB,IHC,ICC/IF,FC,IP     |
| alpha-secretase | db260   | ADAM10 Rabbit pAb                                                        | Human, Mouse, Rat         | WB,IP                   |
|                 | db12590 | ADAM10 Recombinant Rabbit mAb                                            | Human, Mouse, Rat         | WB,IP                   |

| 靶标               | 产品货号    | 产品名称                                                              | 反应种属              | 应用                      |
|------------------|---------|-------------------------------------------------------------------|-------------------|-------------------------|
| APP              | db7700  | Amyloid Precursor Protein Rabbit pAb                              | Human             | WB,IP                   |
|                  | db5393  | Amyloid Precursor Protein Rabbit pAb                              | Human, Mouse, Rat | WB,IHC,ICC/IF,FC        |
|                  | db861   | Amyloid Precursor Protein Rabbit pAb                              | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP     |
|                  | db12005 | Amyloid Precursor Protein Recombinant Rabbit mAb                  | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP     |
|                  | db12240 | Amyloid Precursor Protein Recombinant Rabbit mAb                  | Human             | WB,IP                   |
|                  | db11190 | Amyloid Precursor Protein Recombinant Rabbit mAb                  | Human, Mouse, Rat | WB,IHC,ICC/IF,FC        |
|                  | db21719 | Phospho-Amyloid Precursor Protein (Thr743) Rabbit pAb             | Human, Mouse, Rat | WB,ICC/IF,IP            |
|                  | db14545 | Phospho-Amyloid Precursor Protein (Thr743) Recombinant Rabbit mAb | Human, Mouse, Rat | WB,ICC/IF,IP            |
| beta-secretase   | db5657  | BACE1 Rabbit pAb                                                  | Human, Mouse, Rat | WB,IP                   |
|                  | db5038  | BACE1 Rabbit pAb                                                  | Mouse, Rat        | WB,IHC,IP               |
|                  | db22537 | BACE2 Rabbit pAb                                                  | Human, Mouse, Rat | WB,IHC,ICC/IF,IP        |
|                  | db13283 | BACE1 Recombinant Rabbit mAb                                      | Mouse, Rat        | WB,IHC,IP               |
|                  | db14803 | BACE1 Recombinant Rabbit mAb                                      | Human, Mouse, Rat | WB,IP                   |
|                  | db13079 | BACE2 Recombinant Rabbit mAb                                      | Human, Mouse, Rat | WB,IHC,ICC/IF,IP        |
| gamma-secretases | db11569 | Presenilin 2 Recombinant Rabbit mAb                               | Human, Mouse, Rat | WB,IHC,ICC/IF,IP        |
|                  | db1298  | Presenilin 1 Rabbit pAb                                           | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP     |
|                  | db380   | Presenilin 2 Rabbit pAb                                           | Human, Mouse, Rat | WB,IHC,ICC/IF,IP        |
|                  | db14695 | Phospho-Presenilin 1 (Ser310) Recombinant Rabbit mAb              | Human             | WB,ICC/IF               |
|                  | db13175 | Presenilin 1 Recombinant Rabbit mAb                               | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP     |
|                  | db11029 | Phospho-Presenilin 2 (Ser330) Recombinant Rabbit mAb              | Human, Mouse, Rat | WB                      |
|                  | db1297  | Phospho-Presenilin 2 (Ser330) Rabbit pAb                          | Human, Mouse, Rat | WB                      |
|                  | db242   | Phospho-Presenilin 1 (Ser310) Rabbit pAb                          | Human             | WB,ICC/IF               |
|                  | db2273  | Nicastrin Rabbit pAb                                              | Human             | WB,ICC/IF               |
|                  | db1680  | Nicastrin Rabbit pAb                                              | Human, Mouse, Rat | WB,FC,IP                |
|                  | db14354 | Nicastrin Recombinant Rabbit mAb                                  | Human, Mouse, Rat | WB,FC,IP                |
|                  | db15595 | Nicastrin Recombinant Rabbit mAb                                  | Human             | WB,ICC/IF               |
|                  | db21233 | PEN2 Rabbit pAb                                                   | Human, Mouse, Rat | WB,IHC,ICC/IF,FC        |
|                  | db12942 | PEN2 Recombinant Rabbit mAb                                       | Human, Mouse, Rat | WB,IHC,ICC/IF,FC        |
| GSK3 $\beta$     | db2953  | GSK3 (alpha/beta) Rabbit pAb                                      | Human, Mouse, Rat | WB                      |
|                  | db14079 | GSK3 (alpha/beta) Recombinant Rabbit mAb                          | Human, Mouse, Rat | WB                      |
|                  | db4420  | GSK3 alpha Rabbit pAb                                             | Human, Mouse, Rat | WB,ICC/IF,IP            |
|                  | db14872 | GSK3 alpha Recombinant Rabbit mAb                                 | Human, Mouse, Rat | WB,ICC/IF,IP            |
|                  | db3151  | GSK3 alpha/beta Rabbit pAb                                        | Human, Mouse, Rat | WB, IHC, ICC/IF, FC, IP |
|                  | db11332 | GSK3 alpha/beta Recombinant Rabbit mAb                            | Human, Mouse, Rat | WB, IHC, ICC/IF, FC, IP |
|                  | db6073  | GSK3 beta (2E6) Mouse mAb                                         | Human, Mouse, Rat | WB,ICC/IF,IP,FC         |
|                  | db6551  | GSK3 beta (4C4) Mouse mAb                                         | Human, Rat, Mouse | WB,IHC-P                |
|                  | db6550  | GSK3 beta (9B1) Mouse mAb                                         | Human, Rat, Mouse | WB,IHC-P                |
|                  | db6549  | GSK3 beta (9F9) Mouse mAb                                         | Human, Rat, Mouse | WB,IHC-P                |
|                  | db6410  | GSK3 beta Mouse mAb                                               | Human, Mouse, Rat | WB,IHC-P,FC             |
|                  | db2634  | GSK3 beta Rabbit pAb                                              | Human, Mouse      | WB,IHC,ICC/IF,FC        |
|                  | db14808 | GSK3 beta Recombinant Rabbit mAb                                  | Human, Mouse      | WB,IHC,ICC/IF,FC        |
|                  | db2986  | Phospho-GSK3 (alpha/beta) (Tyr216/Tyr279) Rabbit pAb              | Human, Mouse, Rat | WB,IHC,ICC/IF,IP        |
|                  | db13049 | Phospho-GSK3 (alpha/beta) (Tyr216/Tyr279) Recombinant Rabbit mAb  | Human, Mouse, Rat | WB,IHC,ICC/IF,IP        |
|                  | db1715  | Phospho-GSK3 beta (Ser9) Rabbit pAb                               | Human             | WB,IHC,ICC/IF           |
|                  | db13257 | Phospho-GSK3 beta (Ser9) Recombinant Rabbit mAb                   | Human             | WB,IHC,ICC/IF           |

| 靶标  | 产品货号    | 产品名称                                               | 反应种属              | 应用               |
|-----|---------|----------------------------------------------------|-------------------|------------------|
| Tau | db8769  | Tau Rabbit pAb                                     | Human, Mouse      | WB,IHC,IP        |
|     | db7399  | Tau Rabbit pAb                                     | Human, Mouse, Rat | WB,ICC/IF,FC     |
|     | db1777  | Tau Rabbit pAb                                     | Human, Mouse, Rat | WB,IHC,IP        |
|     | db13107 | Tau Recombinant Rabbit mAb                         | Human, Mouse, Rat | WB,ICC/IF,FC     |
|     | db11940 | Tau Recombinant Rabbit mAb                         | Human, Mouse      | WB,IHC,IP        |
|     | db2089  | Phospho-Tau (Ser198) Rabbit pAb                    | Human             | WB,IHC,ICC/IF,IP |
|     | db13889 | Phospho-Tau (Ser198) Recombinant Rabbit mAb        | Human             | WB,IHC,ICC/IF,IP |
|     | db1775  | Phospho-Tau (Ser199) Rabbit pAb                    | Human, Mouse, Rat | WB,IP            |
|     | db14057 | Phospho-Tau (Ser199) Recombinant Rabbit mAb        | Human, Mouse, Rat | WB,IP            |
|     | db1765  | Phospho-Tau (Ser202) Rabbit pAb                    | Human, Mouse, Rat | WB,IP            |
|     | db13380 | Phospho-Tau (Ser202) Recombinant Rabbit mAb        | Human, Mouse, Rat | WB,IP            |
|     | db3310  | Phospho-Tau (Ser202/Thr205) Rabbit pAb             | Human             | WB,IP            |
|     | db12694 | Phospho-Tau (Ser202/Thr205) Recombinant Rabbit mAb | Human             | WB,IP            |
|     | db2191  | Phospho-Tau (Ser214) Rabbit pAb                    | Human, Mouse, Rat | WB,IHC           |
|     | db14026 | Phospho-Tau (Ser214) Recombinant Rabbit mAb        | Human, Mouse, Rat | WB,IHC           |
|     | db3402  | Phospho-Tau (Ser235) Rabbit pAb                    | Human             | WB               |
|     | db12291 | Phospho-Tau (Ser235) Recombinant Rabbit mAb        | Human             | WB               |
|     | db2800  | Phospho-Tau (Ser262) Rabbit pAb                    | Human             | WB               |
|     | db14000 | Phospho-Tau (Ser262) Recombinant Rabbit mAb        | Human             | WB               |
|     | db2583  | Phospho-Tau (Ser324) Rabbit pAb                    | Human, Mouse, Rat | WB,ICC/IF,IP     |
|     | db14007 | Phospho-Tau (Ser324) Recombinant Rabbit mAb        | Human, Mouse, Rat | WB,ICC/IF,IP     |
|     | db7139  | Phospho-Tau (Ser356) Rabbit pAb                    | Human             | WB               |
|     | db13915 | Phospho-Tau (Ser356) Recombinant Rabbit mAb        | Human             | WB               |
|     | db1868  | Phospho-Tau (Ser396) Rabbit pAb                    | Human, Mouse, Rat | WB,IHC           |
|     | db12335 | Phospho-Tau (Ser396) Recombinant Rabbit mAb        | Human, Mouse, Rat | WB,IHC,IP        |
|     | db14042 | Phospho-Tau (Ser396) Recombinant Rabbit mAb        | Human, Mouse, Rat | WB,IHC           |
|     | db4299  | Phospho-Tau (Ser404) Rabbit pAb                    | Human, Mouse, Rat | WB,IHC,ICC/IF    |
|     | db14009 | Phospho-Tau (Ser404) Recombinant Rabbit mAb        | Human, Mouse, Rat | WB,IHC,ICC/IF    |
|     | db3163  | Phospho-Tau (Ser422) Rabbit pAb                    | Human             | WB               |
|     | db13984 | Phospho-Tau (Ser422) Recombinant Rabbit mAb        | Human             | WB               |
|     | db5324  | Phospho-Tau (Ser610) Rabbit pAb                    | Human             | WB               |
|     | db13932 | Phospho-Tau (Ser610) Recombinant Rabbit mAb        | Human             | WB               |
|     | db5219  | Phospho-Tau (Thr181) Rabbit pAb                    | Human             | WB,IP            |
|     | db13902 | Phospho-Tau (Thr181) Recombinant Rabbit mAb        | Human             | WB,IP            |
|     | db3401  | Phospho-Tau (Thr205) Rabbit pAb                    | Human             | WB               |
|     | db14247 | Phospho-Tau (Thr205) Recombinant Rabbit mAb        | Human             | WB               |
|     | db1700  | Phospho-Tau (Thr231) Rabbit pAb                    | Human, Mouse, Rat | WB,IHC,IP        |
|     | db14071 | Phospho-Tau (Thr231) Recombinant Rabbit mAb        | Human, Mouse, Rat | WB,IHC,IP        |
|     | db2498  | Phospho-Tau (Thr50) Rabbit pAb                     | Human             | WB,IHC,ICC/IF,IP |
|     | db13981 | Phospho-Tau (Thr50) Recombinant Rabbit mAb         | Human             | WB,IHC,ICC/IF,IP |

| 靶标  | 产品货号    | 产品名称                                              | 反应种属              | 应用                  |
|-----|---------|---------------------------------------------------|-------------------|---------------------|
| PKC | db2373  | PKC alpha Rabbit pAb                              | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP |
|     | db13040 | PKC alpha Recombinant Rabbit mAb                  | Human, Mouse, Rat | WB,IHC,ICC/IF,FC,IP |
|     | db23744 | Phospho-PKC alpha (Thr497) Rabbit pAb             | Human, Mouse, Rat | WB, IHC             |
|     | db1662  | Phospho-PKC alpha (Thr638) Rabbit pAb             | Human, Mouse, Rat | WB,IHC,ICC/IF,IP    |
|     | db20232 | Phospho-PKC alpha (Ser657) Rabbit pAb             | Human, Mouse, Rat | WB,IHC              |
|     | db11446 | Phospho-PKC alpha (Ser657) Recombinant Rabbit mAb | Human, Mouse, Rat | WB,IHC              |
|     | db11122 | Phospho-PKC alpha (Thr638) Recombinant Rabbit mAb | Human, Mouse, Rat | WB, IHC, ICC/IF, IP |
|     | db11402 | Phospho-PKC alpha (Thr497) Recombinant Rabbit mAb | Human, Mouse, Rat | WB, IHC             |

## 朊病毒疾病

朊病毒疾病是人和动物的一种致死型神经退行性疾病。朊病毒是一个超出经典病毒学和生物学的全新概念，蛋白质在特定条件下发生突变或构型上的变化，由良性变为恶性，即变为具有传染性的侵染颗粒，可引起人和动物脑内神经元空泡变性（即海绵状变形），所以这类病毒引起的疾病被称为传染性海绵状脑病。

朊病毒病都是致死性中枢神经系统的慢性退化性疾病，病理学上的特点是大脑皮层的神经元细胞退化、空泡变性、死亡、消失，最终被星状细胞取代，而造成海绵状态。患者具有痴呆、共济失调、震颤等症状。目前已知的人和动物朊病毒病有以下几种：1.人的库鲁氏病；2.克-雅氏病；3.致死性睡眠综合征；4.吉斯综合征，又称脑软化病；5.疯牛病，即牛海绵状脑病；6.传染性紫貂脑病；7.羊瘙痒症，有绵羊瘙痒症和山羊瘙痒症；8.传染性雪貂白质脑病；9.大耳鹿慢性消耗病

| 靶标  | 产品货号    | 产品名称                                                  | 反应种属              | 应用                  |
|-----|---------|-------------------------------------------------------|-------------------|---------------------|
| ERK | db6569  | ERK1 (1D10) Mouse mAb                                 | Human, Rat, Mouse | IHC-P               |
|     | db6567  | ERK1 (7E7) Mouse mAb                                  | Human, Rat, Mouse | IHC-P               |
|     | db6568  | ERK1 (8G6) Mouse mAb                                  | Human, Rat, Mouse | IHC-P               |
|     | db4966  | ERK1 Rabbit pAb                                       | Human, Mouse      | WB,IHC,ICC/IF,FC,IP |
|     | db14725 | ERK1 Recombinant Rabbit mAb                           | Human, Mouse      | WB,IHC,ICC/IF,FC,IP |
|     | db6570  | ERK1/2 (1B4) Mouse mAb                                | Human, Rat, Mouse | WB,IHC-P            |
|     | db6122  | ERK1/2 (4A4) Mouse mAb                                | Human, Mouse, Rat | WB                  |
|     | db6298  | ERK1/2 (4F3) Mouse mAb                                | Human, Mouse, Rat | WB                  |
|     | db6621  | ERK1/2 (9A4) Mouse mAb                                | Human, Rat, Mouse | WB,IHC-P            |
|     | db758   | ERK1/2 Rabbit pAb                                     | Human, Mouse, Rat | WB,ICC/IF,FC,IP     |
|     | db11649 | ERK1/2 Recombinant Rabbit mAb                         | Human, Mouse, Rat | WB,ICC/IF,FC,IP     |
|     | db11918 | ERK2 Recombinant Rabbit mAb                           | Human, Mouse, Rat | WB, IHC, ICC/IF, FC |
|     | db14364 | Phospho-ERK1/2 (Thr202/Thr185) Recombinant Rabbit mAb | Human, Mouse, Rat | WB,IHC,ICC/IF,IP    |
|     | db13437 | Phospho-ERK1/2 (Thr202/Thr185) Recombinant Rabbit mAb | Human, Mouse, Rat | WB,IHC,ICC/IF,IP    |
|     | db6576  | Phospho-ERK1/2 (Tyr222/Tyr205) (10C8) Mouse mAb       | Human, Rat, Mouse | IHC-P               |
|     | db6548  | Phospho-ERK1/2 (Tyr222/Tyr205) (1H4) Mouse mAb        | Human, Rat, Mouse | IHC-P               |

| 靶标    | 产品货号    | 产品名称                                 | 反应种属              | 应用                    |
|-------|---------|--------------------------------------|-------------------|-----------------------|
| Hsp70 | db6670  | Hsp70 1A (1D9) Mouse mAb             | Human, Mouse, Rat | WB,IHC-P,ICC/IF       |
|       | db6041  | Hsp70 1A (2A11) Mouse mAb            | Human             | WB,IP                 |
|       | db6040  | Hsp70 1A (2D4) Mouse mAb             | Human             | WB,ICC/IF             |
|       | db2396  | Hsp70 Rabbit pAb                     | Human, Mouse, Rat | WB, IHC, ICC/IF, FC   |
|       | db5397  | Hsp70 Rabbit pAb                     | Human, Mouse, Rat | WB,IHC,ICC/IF,FC      |
|       | db810   | Hsp70 Rabbit pAb                     | Human, Rat        | WB,IHC,ICC/IF,FC      |
|       | db142   | Hsp70 Rabbit pAb                     | Human             | WB,IHC,ICC/IF,FC,IP   |
|       | db14019 | Hsp70 Recombinant Rabbit mAb         | Human, Rat        | WB,IHC,ICC/IF,FC      |
|       | db11436 | Hsp70 Recombinant Rabbit mAb         | Human, Mouse, Rat | WB, IHC, ICC/IF, FC   |
|       | db13325 | Hsp70 Recombinant Rabbit mAb         | Human, Mouse, Rat | WB,IHC,ICC/IF,FC      |
|       | db16041 | Hsp70 Recombinant Rabbit mAb         | Human             | WB,IHC,ICC/IF,FC,IP   |
| Bip   | db2870  | GRP78 BiP Rabbit pAb                 | Human, Mouse, Rat | WB,IHC                |
|       | db3831  | GRP78 BiP Rabbit pAb                 | Human, Mouse, Rat | WB,IHC,FC             |
|       | db6614  | GRP78 BiP (6H7) Mouse mAb            | Human, Mouse, Rat | WB,IHC-P              |
|       | db6612  | GRP78 BiP (9C7) Mouse mAb            | Human, Rat        | WB,IHC-P              |
|       | db6047  | GRP78 BiP (9E4) Mouse mAb            | Human, Rat        | WB,ICC/IF,IHC-F,IHC-P |
|       | db6046  | GRP78 BiP (4F11) Mouse mAb           | Human, Mouse, Rat | WB,ICC/IF,IP          |
|       | db14659 | GRP78 BiP Recombinant Rabbit mAb     | Human, Mouse, Rat | WB,IHC                |
|       | db15196 | GRP78 BiP Recombinant Rabbit mAb     | Human, Mouse, Rat | WB,IHC,FC             |
| PrP   | db5716  | Prion protein PrP Rabbit pAb         | Human, Mouse, Rat | WB,IHC,ICC/IF,FC      |
|       | db12127 | Prion Protein Recombinant Rabbit mAb | Human, Mouse, Rat | WB, IHC, ICC/IF, FC   |

## 部分产品引用文献

### 【1】Tau db8769/db7399

Machine Learning Reveals a Multipredictor Nomogram for Diagnosing the Alzheimer's Disease Based on Chemiluminescence Immunoassay for Total Tau in Plasma A Novel Multipredictor for Alzheimer's Disease  
IF: 5.702

### 【2】ERK1/2 db758

Estradiol reduced 5-HT reuptake by downregulating the gene expression of Plasma Membrane Monoamine Transporter (PMAT, Slc29a4) through estrogen receptor  $\beta$  and the MAPK/ERK signaling pathway  
IF: 5.195

Loss of ten-eleven translocation 2 induces cardiac hypertrophy and fibrosis through modulating ERK signaling pathway  
IF: 5.121

**【3】 Estrogen Receptor alpha db449**

Pubertal exposure to bisphenol-A affects social recognition and arginine vasopressin in the brain of male mice IF: 7.129

**【4】 Nrf2 db3180**

PDE9 Inhibitor PF-04447943 Attenuates DSS-Induced Colitis by Suppressing Oxidative Stress, Inflammation, and Regulating T-Cell Polarization. IF: 7.129

**【5】 AKT1/2/3 db1607**

MiR-93 suppresses tumorigenesis and enhances chemosensitivity of breast cancer via dual targeting E2F1 and CCND1 IF: 9.685

PDE9 Inhibitor PF-04447943 Attenuates DSS-Induced Colitis by Suppressing Oxidative Stress, Inflammation, and Regulating T-Cell Polarization. IF: 5.988

Huanglianjiedu Decoction as an effective treatment for oral squamous cell carcinoma based on network pharmacology and experimental validation IF: 6.429

**【6】 Hsp70 db2396**

Endometrial cell-derived small extracellular vesicle miR-100-5p promotes functions of trophoblast during embryo implantation IF: 10.183

MicroRNAs in Small Extracellular Vesicles Indicate Successful Embryo Implantation during Early Pregnancy IF: 7.666

Placental trophoblast cell-derived exosomal microRNA-1290 promotes the interaction between endometrium and embryo by targeting LHX6 IF: 10.183

Phosphodiesterase type 10A inhibitor attenuates lung fibrosis by targeting myofibroblast activation IF: 5.8