Recombinant DGRmAb®

# Synaptophysin (DGR15438) Rabbit mAb

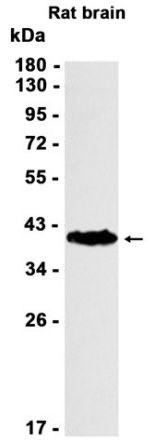
**db11816** **Package : 10μL 20μL 50μL 100μL**

**Product Name :** Synaptophysin (DGR15438) Rabbit mAb
**Cat.No.:** db11816
**Synonyms :** MRX96; MRXSYP
**Application :** WB, IHC, ICC/IF
**Reactivity :** Human, Mouse, Rat
**Host species :** Rabbit

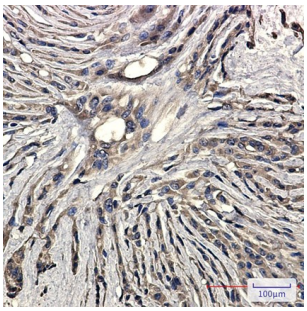
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|---|---|
| **Background** | This gene encodes an integral membrane protein of small synaptic vesicles in brain and endocrine cells. The protein also binds cholesterol and is thought to direct targeting of vesicle-associated membrane protein 2 (synaptobrevin) to intracellular compartments. Mutations in this gene are associated with an X-linked form of cognitive disability. [provided by RefSeq, Jul 2017] |
| **Immunogen** | A synthetic peptide of human Synaptophysin |
| **Gene ID** | 6855 |
| **Swiss Prot** | P08247 |
| **Synonyms** | MRX96; MRXSYP |
| **Reactivity** | Human, Mouse, Rat |
| **Application** | WB, IHC, ICC/IF |
| **Recommended dilution** | WB: 1:2000-1:10000<br>IHC: 1:20<br>ICC/IF: 1:20 |
| **Calculated MW** | 34 kDa |
| **Observed MW** | 38 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR15438 |
| **Isotype** | IgG |
| **Purity** | Affinity Purification |

**Conjugation** Un-conjugated

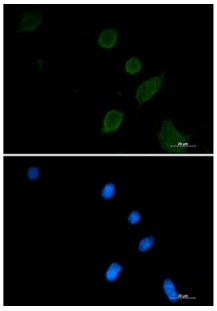
**Storage Stability** Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



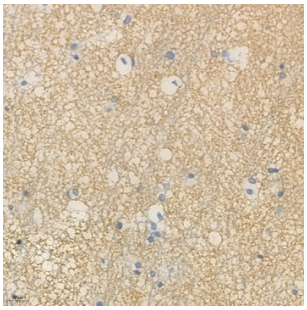

Western blot analysis of extracts from Rat brain tissue using db11816 at 1:1000.



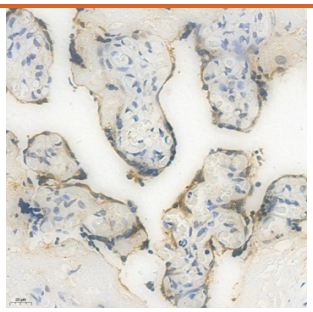
Immunohistochemical analysis of paraffin-embedded human Brain using db11816 antibody.



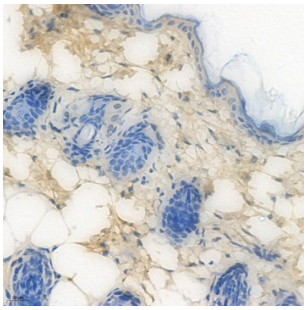
Immunofluorescent analysis of 3T3 cells using db11816 antibody (green), and DAPI (blue).



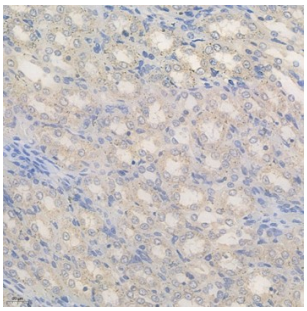
Immunohistochemical analysis of paraffin-embedded human brain tissue labeling Synaptophysin with db11816. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded human placental tissue labeling Synaptophysin with db11816. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse skin tissue labeling Synaptophysin with db11816. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded rat renal tissue labeling Synaptophysin with db11816. Counter stained with Hematoxylin.