# Phospho-GSK3 beta (Ser9) Rabbit pAb

**db1715** **Package : 20μL 50μL 100μL**

**Product Name :** Phospho-GSK3 beta (Ser9) Rabbit pAb
**Cat.No.:** db1715
**Synonyms :** Serine/threonine-protein kinase GSK3B
**Application :** WB, IHC, ICC/IF
**Reactivity :** Human
**Host species :** Rabbit

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| **Background** | The protein encoded by this gene is a serine-threonine kinase belonging to the glycogen synthase kinase subfamily. It is a negative regulator of glucose homeostasis and is involved in energy metabolism, inflammation, ER-stress, mitochondrial dysfunction, and apoptotic pathways. Defects in this gene have been associated with Parkinson disease and Alzheimer disease. [provided by RefSeq, Aug 2017] |
| **Immunogen** | A synthetic phosphopeptide corresponding to residues surrounding Ser9 of human GSK3 beta |
| **Gene ID** | 2932 |
| **Swiss Prot** | P49841 |
| **Synonyms** | Serine/threonine-protein kinase GSK3B |
| **Reactivity** | Human |
| **Application** | WB, IHC, ICC/IF |
| **Recommended dilution** | WB: 1:2000<br>IHC: 1:50<br>ICC/IF: 1:50 |
| **Calculated MW** | 47 kDa |
| **Observed MW** | 47 kDa |
| **Host species** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Purity** | Affinity Purification |
| **Conjugation** | Un-conjugated |

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| **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. |