

## GSK3B

**Reactivity:** Human Mouse

**Tested applications:** WB IHC ICC IF FC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:100  
FC 1:20 - 1:50

**Calculated MW:** 46 kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human GSK3B

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Catalog #:** A10877

**Antibody Type:**

Monoclonal Antibody

**Species:** Rabbit

**Gene ID:** 2932

**Isotype:** IgG

**Swiss Prot:** P49841

**Purity:** Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is a serine-threonine kinase, belonging to the glycogen synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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