

## Product Datasheet

# Phospho-GSK3 beta (Ser9) Antibody

Catalog No: CY6248

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, IHC, IP



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### Information

**UniProt ID:** P49841

**All Names:** glycogen synthase kinase 3 beta; Glycogen synthase kinase-3 beta; GSK-3 beta; GSK3B; GSK3beta isoform

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 46kDa

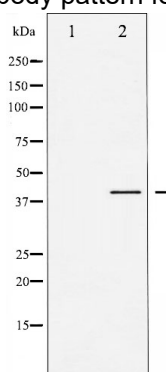
### Application

WB 1:500-1:2000

IHC 1:50-1:200 IP

### Background

GSK3B is a proline-directed protein kinase of the GSK family. Phosphorylates and inactivates glycogen synthase. Participates in the Wnt signaling pathway. Involved in energy metabolism, neuronal cell development, and body pattern formation.



Western blot analysis of GSK3 beta phosphorylation expression in EGF treated HeLa whole cell lysates. The lane on the left is treated with the antigen-specific peptide.

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