

A Reliable Research Partner in Life Science and Medicine

# Recombinant Phospho-GSK3 beta (Ser9) Monoclonal Antibody

catalog number: AN300144P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

Reactivity Human

Immunogen A synthetic peptide corresponding to residues around Ser9 of Human Phospho-

GSK3 beta

 Host
 Rabbit

 Isotype
 IgG

 Clone
 A1258

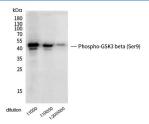
 Purification
 Protein A

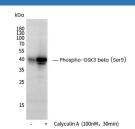
**Buffer** 0.2 μm filtered solution in PBS

# Applications Recommended Dilution

**WB** 1:1000-1:5000

#### Data





Western blot analysis of extracts from serum-starved Hela treated with calyculin A (100nM, 30 min), using Phospho-GSK3 beta (Ser9) Antibody at 1:1000, 1:10000, 1:200000 dilution.

Western blot analysis of extracts from serum-starved Hela, untreated (-) or treated with Calyculin A (100 nM, 30 min; +), using Phospho-GSK3 beta (Ser9) Monoclonal Antibody at 1:1000 dilution.

Observed-MW:50 kDa Calculated-MW:46 kDa Observed-MW:50 kDa Calculated-MW:46 kDa

# **Preparation & Storage**

**Storage** This antibody can be stored at 2°C-8°C for one month without detectable loss of

activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

### **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.

## For Research Use Only

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