

AP0358

Leader in Biomolecular Solutions for Life Science



# Phospho-GSK3 $\beta$ -S9 Rabbit pAb

Catalog No.: AP0358

5 Publications

## Basic Information

### Observed MW

47kDa

### Calculated MW

47kDa

### Category

Mouse Monoclonal Antibody

### Applications

WB

### Cross-Reactivity

Human

## 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.

## Recommended Dilutions

WB 1:200 - 1:500

## Immunogen Information

### Gene ID

2932

### Swiss Prot

P49841

### Immunogen

A phospho specific peptide corresponding to residues surrounding S9 of human GSK3 $\beta$

### Synonyms

GSK3B; gsk-3 $\beta$ ; Phospho-GSK3 $\beta$ -S9

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

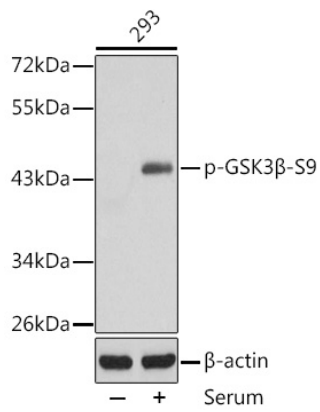
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts from 293 cells, using Phospho-GSK3β-S9 antibody (AP0358).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25μg per lane.  
Blocking buffer: 3% BSA.