

Phospho-GSK3Beta-S9 Rabbit Polyclonal Antibody

CABP0039



Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

46kDa

Calculated MW:

46kDa/48kDa

Applications:

WB IHC IP

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

2932

Uniprot

P49841

Synonyms:

GSK3B; gsk-3Beta

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:100 IP 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

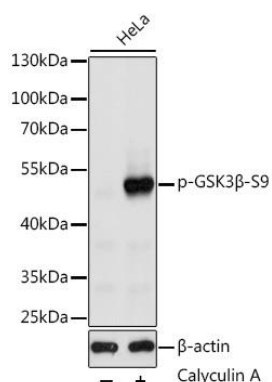
Immunogen:

A synthetic phosphorylated peptide around S9 of human GSK3Beta (NP_001139628.1).

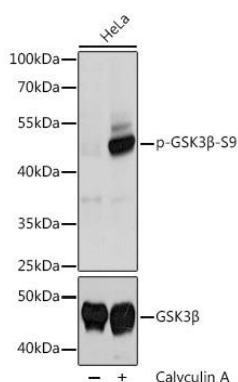
Storage:

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

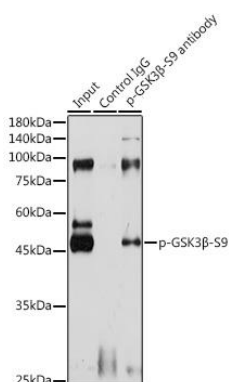
Product Images



Western blot analysis of extracts of HeLa cells, using Phospho-GSK3beta-S9 antibody (CABP0039) at 1:2000 dilution. HeLa cells were treated by Calyculin A (100nM) for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Western blot analysis of extracts of HeLa cells, using Phospho-GSK3b-S9 pAb (CABP0039) at 1:2000 dilution or GSK3b antibody (CAB2081). HeLa cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Immunoprecipitation analysis of 300ug extracts of HeLa cells using 3ug Phospho-GSK3b-S9 antibody (CABP0039). Western blot was performed from the immunoprecipitate using Phospho-GSK3b-S9 antibody (CABP0039) at a dilution of 1:3000. HeLa cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight.