

Phospho-GSK3 β -S9 polyclonal antibody

Catalog: BS6365

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The protein encoded by this gene is a serine-threonine kinase, belonging to the glycogen synthase kinase sub-family. 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.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

47KDa

Swiss-Prot:

P49841

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

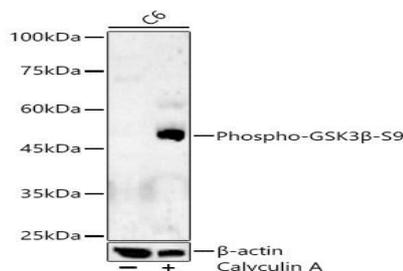
WB, 1:500 - 1:2000 | IF/ICC, 1:50 - 1:200 | IP, 1:50 - 1:200

Storage&Stability:

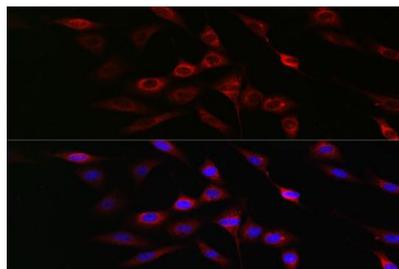
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Category:

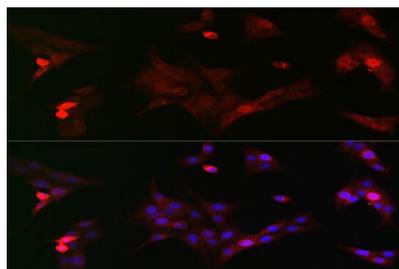
Phosphorylated Antibodies

DATA:

Western blot analysis of C6, using Phospho-GSK3 β -S9 antibody at 1:545 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Immunofluorescence analysis of NIH/3T3 cells using Phospho-GSK3 β -S9 Rabbit pAb at dilution of 1:50. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using Phospho-GSK3 β -S9 Rabbit pAb at dilution of 1:50. Blue: DAPI for nuclear staining.

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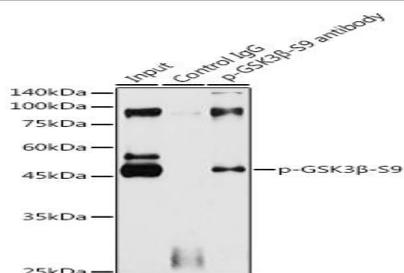
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Immunoprecipitation analysis of 300ug extracts of HeLa cells using 3ug Phospho-GSK3 β -S9 antibody. Western blot was performed from the immunoprecipitate using Phospho-GSK3 β -S9 antibody at a dilution of 1:1000.

Note:

For research use only, not for use in diagnostic procedure.

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