

GSK3 α Rabbit pAb

Catalog No.: A0645 **2 Publications**

Basic Information

Observed MW

51kDa

Calculated MW

51kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse

Background

This gene encodes a multifunctional Ser/Thr protein kinase that is implicated in the control of several regulatory proteins including glycogen synthase, and transcription factors, such as JUN. It also plays a role in the WNT and PI3K signaling pathways, as well as regulates the production of beta-amyloid peptides associated with Alzheimer's disease.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:20 - 1:100

Immunogen Information

Gene ID

2931

Swiss Prot

P49840

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 409-483 of human GSK3 α (NP_063937.2).

Synonyms

GSK3 alpha; GSK3A; GSK3 α

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

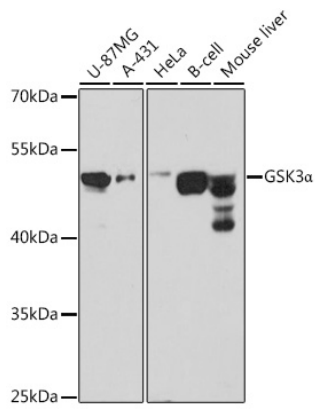
Affinity purification

Storage

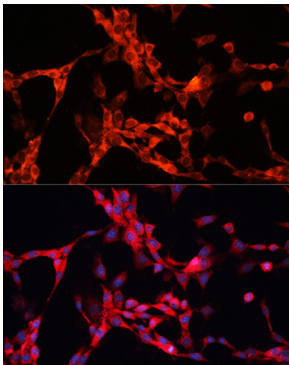
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using GSK3 α antibody (A0645) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Immunofluorescence analysis of NIH/3T3 cells using GSK3 α antibody (A0645) at dilution of 1:100. Blue: DAPI for nuclear staining.