

GSK3 α Rabbit pAb

Catalog No.: A0645 **2 Publications**

Basic Information

Catalog No.

A0645

Observed MW

51kDa

Calculated MW

50kDa

Category

Primary antibody

Applications

WB, IF

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

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

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.

Immunogen Information

Gene ID	Swiss Prot
2931	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

Contact

 | www.abclonal.com

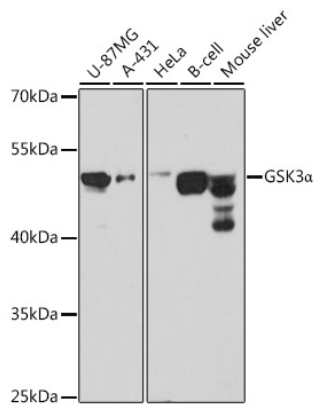
Product Information

Source	Isotype	Purification
Rabbit	IgG	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.

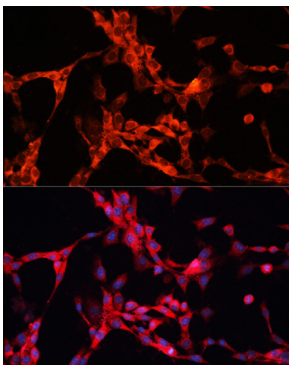
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug 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.