

[KO Validated] GSK3 α Rabbit mAb

Catalog No.: A19060

KO Validated

Recombinant

2 Publications

Basic Information

Observed MW

51kDa

Calculated MW

51kDa

Category

Primary antibody

Applications

WB,IP,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0462

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 1:1000 - 1:6000

IP 0.5 μ g-4 μ g antibody for
200 μ g-400 μ g extracts of
whole cells

ELISA Recommended starting
concentration is 1 μ g/mL.
Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID

2931

Swiss Prot

P49840

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

GSK3 alpha; GSK3A; 3 α

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

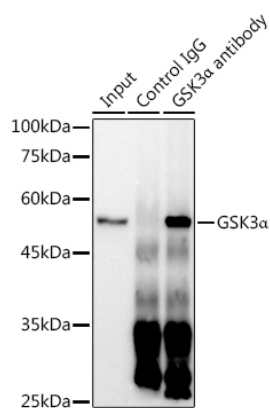
Affinity purification

Storage

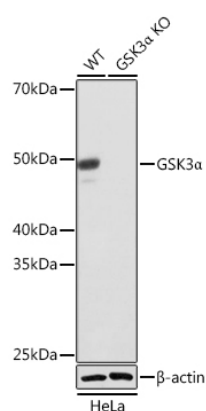
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

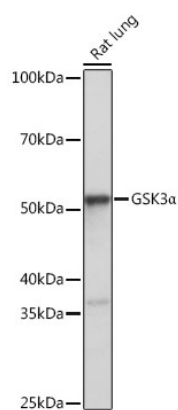
Validation Data



Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg GSK3α antibody (A19060). Western blot was performed from the immunoprecipitate using GSK3α antibody (A19060) at a dilution of 1:1000.

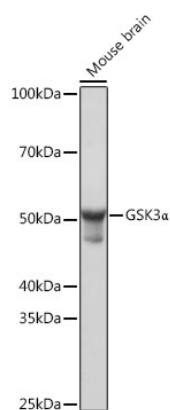


Western blot analysis of lysates from wild type (WT) and GSK3α knockout (KO) HeLa cells, using [KO Validated] GSK3α Rabbit mAb (A19060) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



Western blot analysis of lysates from Rat lung, using [KO Validated] GSK3α Rabbit mAb (A19060) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

Validation Data



Western blot analysis of lysates from Mouse brain, using [KO Validated] GSK3 α Rabbit mAb (A19060) at 1:1000 dilution.

Secondary antibody: HRP-conjugated 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: 1s.