

A19060

Leader in Biomolecular Solutions for Life Science



[KO Validated] GSK3 α Rabbit mAb

Catalog No.: A19060

KO Validated

Recombinant

1 Publications

Basic Information

Observed MW

51kDa

Calculated MW

51kDa

Category

SMab Recombinant Monoclonal 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 1:500 - 1:1000

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

Immunogen Information

Gene ID

2931

Swiss Prot

P49840

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human GSK3 α (P49840).

Synonyms

GSK3 alpha; GSK3A; 3 α

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

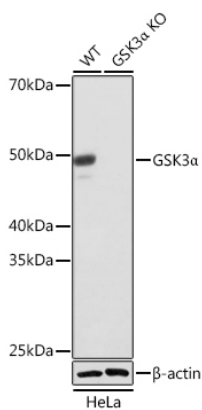
Affinity purification

Storage

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

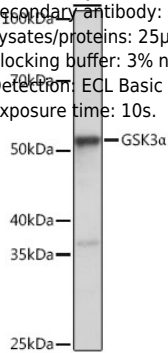
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data

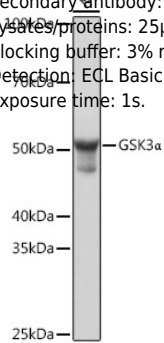


Western blot analysis of lysates from wild type (WT) and GSK3α knockout (KO) HeLa cells, using [KO Validated] GSK3α Rabbit mAb (A19060) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk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

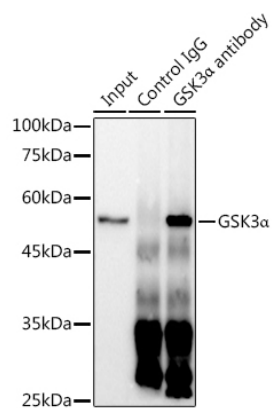
Western blot analysis of lysates from Rat lung, using [KO Validated] GSK3α Rabbit mAb (A19060) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).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



Western blot analysis of lysates from Mouse brain, using [KO Validated] GSK3α Rabbit mAb (A19060) at 1:1000 dilution.
Secondary antibody: HRP 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: 1s.



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.