

AP0120

Leader in Biomolecular Solutions for Life Science



Phospho-GSK3 α -S21 Rabbit pAb

Catalog No.: AP0120

Basic Information

Observed MW

51kDa

Calculated MW

51kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC

Cross-Reactivity

Human,Mouse,Rat

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 - 1:2000
IF/ICC	1:100 - 1:200

Immunogen Information

Gene ID

2931

Swiss Prot

P49840

Immunogen

A phospho specific peptide corresponding to residues surrounding S21 of human GSK3 α

Synonyms

GSK3 alpha; GSK3A; Phospho-GSK3 α -S21

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

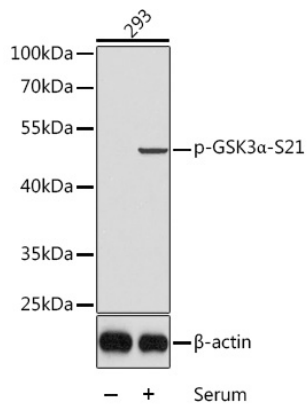
Affinity purification

Storage

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

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

Validation Data



Western blot analysis of extracts from 293 cells using Phospho-GSK3α-S21 antibody (AP0120).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.