

AP0120

Leader in Biomolecular Solutions for Life Science



# Phospho-GSK3 $\alpha$ -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

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

### Synonyms

GSK3 alpha; GSK3A; Phospho-GSK3 $\alpha$ -S21

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

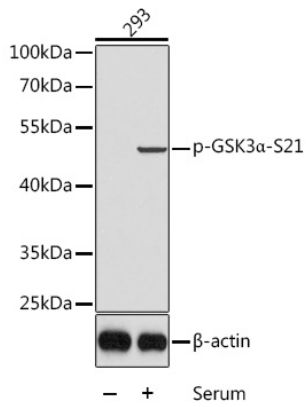
### Storage

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

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

## Validation Data

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Western blot analysis of lysates from 293 cells using Phospho-GSK3 $\alpha$ -S21 Rabbit pAb (AP0120).

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

Lysates/proteins: 25 $\mu$ g per lane.

Blocking buffer: 3% BSA.