

A18655

Leader in Biomolecular Solutions for Life Science



## [KO Validated] GSK3 $\alpha$ Rabbit pAb

Catalog No.: A18655 **KO** Validated

### Basic Information

#### Observed MW

51kDa

#### Calculated MW

51kDa

#### Category

Polyclonal Antibody

#### Applications

WB, ELISA

#### 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

### Immunogen Information

#### Gene ID

2931

#### Swiss Prot

P49840

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 400-483 of human GSK3 $\alpha$  (NP\_063937.2).

#### Synonyms

GSK3A; glycogen synthase kinase-3 alpha; 3 $\alpha$

### Contact



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

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

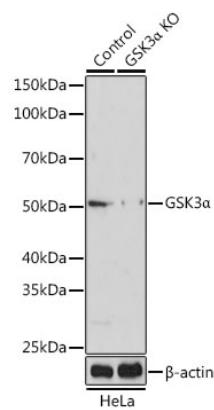
Affinity purification

#### Storage

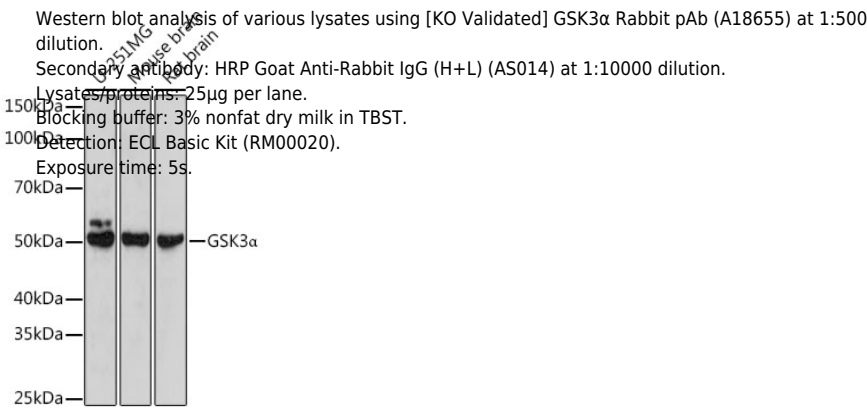
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and GSK3α knockout (KO) HeLa cells, using [KO Validated] GSK3α Rabbit pAb (18655) at 1:500 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: 5s.



Western blot analysis of various lysates using [KO Validated] GSK3α Rabbit pAb (A18655) at 1:500 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: 5s.