

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

Catalog No.: A3174    **KO Validated**    **2 Publications**

## Basic Information

### Observed MW

46kDa

### Calculated MW

47kDa

### Category

Primary antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human, Rat

## Background

The protein encoded by this gene is a serine-threonine kinase belonging to the glycogen synthase kinase subfamily. It is a negative regulator of glucose homeostasis and is involved in energy metabolism, inflammation, ER-stress, mitochondrial dysfunction, and apoptotic pathways. Defects in this gene have been associated with Parkinson disease and Alzheimer disease.

## Recommended Dilutions

WB                    1:500 - 1:1000

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

## Immunogen Information

### Gene ID

2932

### Swiss Prot

P49841

### Immunogen

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

### Synonyms

GSK3B; gsk-3 $\beta$ ; 3 $\beta$

## Contact

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## 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

