

# Phospho-GSK3β-Y216 + GSK3α-Y279 Rabbit pAb

Catalog No.: AP0512

## **Basic Information**

### **Observed MW**

50kDa

### **Calculated MW**

47kDa

### Category

Primary antibody

### **Applications**

WB,ELISA

### **Cross-Reactivity**

Human

## **Background**

The protein encoded by this gene is a serine-threonine kinase, belonging to the glycogen synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

## **Recommended Dilutions**

**WB** 1:500 - 1:2000

**ELISA** 

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

 Gene ID
 Swiss Prot

 2931/2932
 P49841

### **Immunogen**

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

## **Synonyms**

GSK3B; gsk-3 $\beta$ ; Phospho-GSK3 $\beta$ -Y216 + GSK3 $\alpha$ -Y279

## **Contact**

<b>a</b>		400-999-6126
$\bowtie$		cn.market@abclonal.com.cn
$\odot$	T	www.abclonal.com.cn

## **Product Information**

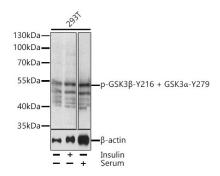
SourceIsotypePurificationRabbitIgGAffinity purification

### Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## **Validation Data**



Western blot analysis of lysates from 293T cells, using Phospho-GSK3 $\beta$ -Y216 + GSK3 $\alpha$ -Y279 Rabbit pAb (AP0512) at 1:1000 dilution. 293T cells were treated with Insulin (100nM) for 10 minutes or treated with 10% FBS for 30 minutes after serum-starvation overnight.

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

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% BSA.