

# Phospho-PKC delta-Y311 Rabbit pAb

Catalog No.: AP0496

## Basic Information

### Observed MW

78kDa

### Calculated MW

78kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Human, Mouse

## Background

The protein encoded by this gene is a member of the protein kinase C family of serine- and threonine-specific protein kinases. The encoded protein is activated by diacylglycerol and is both a tumor suppressor and a positive regulator of cell cycle progression. Also, this protein can positively or negatively regulate apoptosis. Defects in this gene are a cause of autoimmune lymphoproliferative syndrome.

## 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

5580

### Swiss Prot

Q05655

### Immunogen

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

### Synonyms

MAY1; PKCD; ALPS3; CVID9; nPKC-delta; Phospho-PKC delta-Y311

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

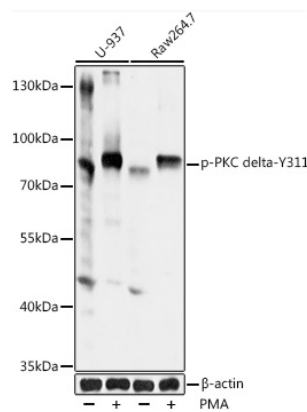
Affinity purification

### Storage

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

Buffer: PBS 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 U937 and Raw264.7 cells, using Phospho-PKC delta-Y311 Rabbit pAb (AP0496) at 1:1000 dilution. U-937 cells were treated with PMA/TPA (200nM) for 30 minutes. RAW 264.7 cells were treated with PMA (200 nM) for 30 minutes .  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% BSA.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.