

# Phospho-PLC beta 3 (PLCB3)-S1105 Rabbit pAb

Catalog No.: AP0837

## Basic Information

### Observed MW

150kDa

### Calculated MW

139kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a member of the phosphoinositide phospholipase C beta enzyme family that catalyze the production of the secondary messengers diacylglycerol and inositol 1,4,5-triphosphate from phosphatidylinositol in G-protein-linked receptor-mediated signal transduction. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

5331

### Swiss Prot

Q01970

### Immunogen

A synthetic phosphorylated peptide around S1105 of human PLC beta 3 (PLCB3) (NP\_000923.1).

### Synonyms

SMDCC; Phospho-PLC beta 3 (PLCB3)-S1105

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

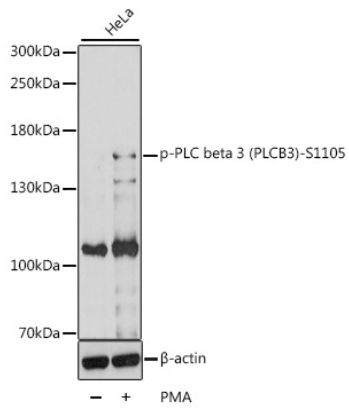
### Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from HeLa cells, using Phospho-PLC beta 3 (PLCB3)-S1105 Rabbit pAb (AP0837) at 1:1000 dilution. HeLa cells were treated by PMA/TPA (200nM) for 15 minutes after serum-starvation overnight.  
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: 10s.