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

Catalog NO.: AP0837 **1 Publications**

Basic Information

Observed MW
150kDa

Calculated MW
139kDa

Category
Phosphorylated Antibodies

Applications
WB, ELISA

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Unconjugated

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

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

Immunogen Information

Gene ID
5331

Swiss Prot
Q01970

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

Synonyms
SMDCD; Phospho-PLC beta 3 (PLCB3)-S1105

Contact

Product Information

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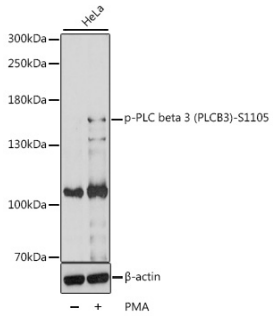
Source
Rabbit

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



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 with 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.

For research use only. Not for therapeutic or diagnostic purposes.

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