

Phospho-PLCB3 (S537) Antibody
Rabbit mAb
Catalog # AP93267

Specification

Phospho-PLCB3 (S537) Antibody - Product Information

| | |
|--------------------|------------------------|
| Application | WB |
| Primary Accession | Q01970 |
| Clonality | Monoclonal |
| Other Names | |
| Plcb3; | |
| Isotype | Rabbit IgG |
| Host | Rabbit |
| Calculated MW | 138799 Da |

Phospho-PLCB3 (S537) Antibody - Additional Information

| | |
|------------------------------|--|
| Purification | Affinity-chromatography |
| Immunogen | A synthesized peptide derived from human Phospho-PLCB3 (S537) |
| Description | The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes. |
| Storage Condition and Buffer | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |

Phospho-PLCB3 (S537) Antibody - Protein Information

Name PLCB3 {ECO:0000312|EMBL:AAA77683.1}

Function

The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes (PubMed:29122926, PubMed:9188725). In neutrophils, participates in a phospholipase C-activating N-formyl peptide-activated GPCR (G protein- coupled receptor) signaling pathway by promoting RASGRP4 activation by DAG, to promote neutrophil functional responses (By similarity).

Cellular Location

Cytoplasm. Membrane {ECO:0000250|UniProtKB:Q99JE6}. Nucleus {ECO:0000250|UniProtKB:P51432} Note=And particulate fractions. {ECO:0000250|UniProtKB:Q99JE6}

Phospho-PLCB3 (S537) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Phospho-PLCB3 (S537) Antibody - Images