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# PLCB2 Antibody (N-term) Blocking Peptide

**Synthetic peptide**
**Catalog # BP9253a**

## Specification

### PLCB2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q00722

### PLCB2 Antibody (N-term) Blocking Peptide - Additional Information

**Gene ID** 5330

**Other Names**
1-phosphatidylinositol 4, 5-bisphosphate phosphodiesterase beta-2, Phosphoinositide phospholipase C-beta-2, Phospholipase C-beta-2, PLC-beta-2, PLCB2

**Target/Specificity**
The synthetic peptide sequence used to generate the antibody <a href=/products/AP9253a>AP9253a</a> was selected from the N-term region of human PLCB2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### PLCB2 Antibody (N-term) Blocking Peptide - Protein Information

**Name** PLCB2 (HGNC:9055)

**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:<a href="http://www.uniprot.org/citations/1644792" target="_blank">1644792</a>, PubMed:<a href="http://www.uniprot.org/citations/9188725" target="_blank">9188725</a>). 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).

### PLCB2 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

**PLCB2 Antibody (N-term) Blocking Peptide - Images**

**PLCB2 Antibody (N-term) Blocking Peptide - Background**

PLCB2 is 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.

**PLCB2 Antibody (N-term) Blocking Peptide - References**

Grinberg,S., et.al, Am. J. Pathol. 175 (6), 2439-2453 (2009)Xiao,W., et.al, Cancer Cell 16 (2), 161-171 (2009)