

Phospholipase C beta 3 Rabbit mAb
Catalog # AP78353**Specification****Phospholipase C beta 3 Rabbit mAb - Product Information**

Application	WB
Primary Accession	Q01970
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	138799

Phospholipase C beta 3 Rabbit mAb - Additional Information**Gene ID** 5331**Other Names**
PLCB3**Dilution**
WB~~1/500-1/1000**Format**
Liquid**Phospholipase C beta 3 Rabbit mAb - Protein Information****Name** PLCB3 {ECO:0000303|PubMed:20966218, ECO:0000312|EMBL:AAA77683.1}**Function**

Catalyzes the production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) (PubMed:20966218, PubMed:29122926, PubMed:37991948, PubMed:9188725). Key transducer of G protein-coupled receptor signaling: activated by G(q)/G(11) G alpha proteins downstream of G protein-coupled receptors activation (PubMed:20966218, PubMed:37991948). 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}

Phospholipase C beta 3 Rabbit mAb - 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](#)

Phospholipase C beta 3 Rabbit mAb - Images

