

Phospholipase C gamma 1 Rabbit mAb
Catalog # AP76655**Specification**

Phospholipase C gamma 1 Rabbit mAb - Product Information

Application	WB, IP, ICC
Primary Accession	P19174
Reactivity	Human, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	148532

Phospholipase C gamma 1 Rabbit mAb - Additional Information**Gene ID** 5335**Other Names**
PLCG1**Dilution**
WB~~1/500-1/1000
IP~~N/A
ICC~~N/A**Format**
Liquid**Phospholipase C gamma 1 Rabbit mAb - Protein Information****Name** PLCG1 ([HGNC:9065](#))**Synonyms** PLC1**Function**

Mediates the production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3). Plays an important role in the regulation of intracellular signaling cascades. Becomes activated in response to ligand-mediated activation of receptor-type tyrosine kinases, such as PDGFRA, PDGFRB, EGFR, FGFR1, FGFR2, FGFR3 and FGFR4 (By similarity). Plays a role in actin reorganization and cell migration (PubMed:[17229814](http://www.uniprot.org/citations/17229814)). Guanine nucleotide exchange factor that binds the GTPase DNMT1 and catalyzes the dissociation of GDP, allowing a GTP molecule to bind in its place, therefore enhancing DNMT1-dependent endocytosis (By similarity).

Cellular Location

Cell projection, lamellipodium. Cell projection, ruffle. Note=Rapidly redistributed to ruffles and lamellipodia structures in response to epidermal growth factor (EGF) treatment.

Phospholipase C gamma 1 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 gamma 1 Rabbit mAb - Images

