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PLCB1 Rabbit mAb

Catalog # AP78823

Product Information

Application	WB, IHC-P
Primary Accession	Q9NQ66
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human PLCB1
Purification	Affinity Chromatography
Calculated MW	138567

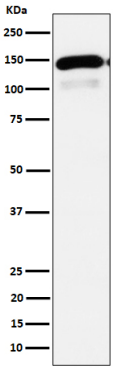
Additional Information

Gene ID	23236
Other Names	PLCB1
Dilution	WB~~1/500-1/1000 IHC-P~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	PLCB1 (HGNC:15917)
Synonyms	KIAA0581
Function	Catalyzes the hydrolysis of 1-phosphatidylinositol 4,5- bisphosphate into diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) and mediates intracellular signaling downstream of G protein- coupled receptors (PubMed:9188725). Regulates the function of the endothelial barrier.
Cellular Location	Nucleus membrane {ECO:0000250|UniProtKB:Q9Z1B3}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q9Z1B3}. Cytoplasm {ECO:0000250|UniProtKB:P10687}. Note=Colocalizes with the adrenergic receptors, ADREN1A and ADREN1B, at the nuclear membrane of cardiac myocytes. {ECO:0000250|UniProtKB:Q9Z1B3}

Images



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