

Phospholipase C beta 1 Rabbit mAb

Catalog # AP75908

Product Information

Application	WB
Primary Accession	Q9Z1B3
Reactivity	Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	138396

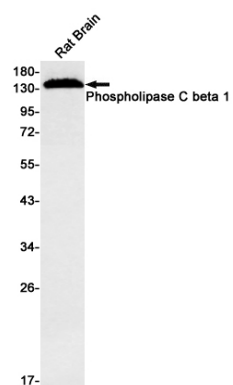
Additional Information

Gene ID	18795
Other Names	Plcb1
Dilution	WB~~1/500-1/1000
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	Plcb1 {ECO:0000312 MGI:MGI:97613}
Synonyms	Plcb
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: 27653213). Regulates the function of the endothelial barrier (PubMed: 27653213).
Cellular Location	Nucleus membrane. Cytoplasm {ECO:0000250 UniProtKB:P10687}. Note=Colocalizes with the adrenergic receptors, ADREN1A and ADREN1B, at the nuclear membrane of cardiac myocytes.

Images



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