

Anti-PLCB1 antibody



Description	Unconjugated Rabbit polyclonal to PLCB1
Model	STJ191891
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Gene ID	23236
Gene Symbol	PLCB1
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	PLCB1 Polyclonal Antibody detects endogenous levels of protein.
Purification	PLCB1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1 PLC-154 Phosphoinositide phospholipase C-beta-1 Phospholipase C-I PLC-I Phospholipase C-beta-1 PLC-beta-1
Molecular Weight	133 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.

Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:15917OMIM:607120
Alternative Names	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1 PLC-154 Phosphoinositide phospholipase C-beta-1 Phospholipase C-I PLC-I Phospholipase C-beta-1 PLC-beta-1
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.
Cellular Localization	Nucleus membrane Cytoplasm. Colocalizes with the adrenergic receptors, ADREN1A and ADREN1B, at the nuclear membrane of cardiac myocytes.

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