

## Anti-PLCB1 antibody



<b>Description</b>	Unconjugated Rabbit polyclonal to PLCB1
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<b>Model</b>	STJ191891
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, WB
<b>Gene ID</b>	<a href="#">23236</a>
<b>Gene Symbol</b>	<a href="#">PLCB1</a>
<b>Dilution range</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Specificity</b>	PLCB1 Polyclonal Antibody detects endogenous levels of protein.
<b>Purification</b>	PLCB1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	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
<b>Molecular Weight</b>	133 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.

<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:1591</a> <a href="#">OMIM:607120</a>
<b>Alternative Names</b>	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
<b>Function</b>	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.
<b>Cellular Localization</b>	Nucleus membrane Cytoplasm. Colocalizes with the adrenergic receptors, ADREN1A and ADREN1B, at the nuclear membrane of cardiac myocytes.

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