



Anti-PLCB1 (aa 1100-1200) polyclonal antibody (DPABH-02418)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Synthetic peptide corresponding to Human Phospholipase C beta 1 aa 1100-1200 conjugated to Keyhole Limpet Haemocyanin (KLH). Database link: Q9NQ66
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	PLCB1 phospholipase C, beta 2 (phosphoinositide-specific) [Homo sapiens]
Official Symbol	PLCB1
Synonyms	PLCB1; phospholipase C, beta 1 (phosphoinositide-specific); PLC-I; EIEE12; PI-PLC; PLC154; PLCB1A; PLCB1B; PLC-154; 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1; PLC-beta-1; phospholipase C-I; phosphoinositidase C; inositoltrisphosphohydrolase; triphosphoinositide phosphodiesterase; monophosphatidylinositol phosphodiesterase; 1-phosphatidyl-D-myo-inositol-4,5-bisphosphate;
Entrez Gene ID	23236
Protein Refseq	NP_056007.1
UniProt ID	Q9NQ66
Pathway	AMPK signaling; Activation of Kainate Receptors upon glutamate binding; Adrenergic signaling in cardiomyocytes; African trypanosomiasis
Function	GTPase activator activity; calcium ion binding; calmodulin binding; enzyme binding