



Anti-PLCB2 (aa 1-198) polyclonal antibody (DPABH-23679)

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	Recombinant fragment, corresponding to amino acids 1-198 of Human Phospholipase C beta 2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	100 µg
Buffer	pH: 7.20; Constituents: 98% PBS, 1% BSA
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	PLCB2 phospholipase C, beta 3 [Homo sapiens]
Official Symbol	PLCB2
Synonyms	PLCB2; phospholipase C, beta 2; PLC-beta-2; 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-2; phosphoinositide phospholipase C-beta-2;
Entrez Gene ID	5330
Protein Refseq	NP_001271226.1
UniProt ID	Q00722
Pathway	Acetylcholine regulates insulin secretion; Adrenergic signaling in cardiomyocytes; African trypanosomiasis; Alpha-synuclein signaling
Function	calcium ion binding; phosphatidylinositol phospholipase C activity; phospholipase C activity; signal transducer activity