
Product Name: PLCB1 Rabbit Monoclonal Antibody**Catalog #: AMRe84745**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:100-1:200
Molecular Weight	Calculated MW: 139 kDa ; Observed MW: 100,150 kDa

Antigen Information

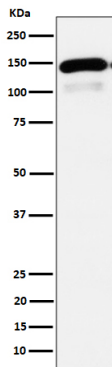
Gene Name	PLCB1
Alternative Names	1 phosphatidylinositol 4,5 bisphosphate phosphodiesterase beta 1; 1-phosphatidylinositol 4; EIEE12; Inositoltrisphosphohydrolase; Monophosphatidylinositol phosphodiesterase; Phosphb; Phosphoinositidase C ; Phosphoinositide phospholipase C; Phosphoinositide phospholipase C-beta 1; Phospholipase C beta 1 (phosphoinositide-specific); Phospholipase C I; Phospholipase C-beta-1; Phospholipase C-I; PI PLC; PLC 1; PLC beta 1; PLC-154; PLC-beta-1; PLC-I; PLC154; Plcb; Plcb1; PLCbeta1; Triphosphoinositide phosphodiesterase;;PLCB1
Gene ID	
SwissProt ID	Q9NQ66

Immunogen

A synthesized peptide derived from human PLCB1

Background

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. Regulates the function of the endothelial barrier.

Research Area**Image Data**

Western blot analysis of PLCB1 expression in HepG2 cell lysate.