

产品名称: PLCB4 Rabbit Polyclonal Antibody
产品货号: APRab16252



产品概述 (Summary)

产品名称 (Production Name)	PLCB4 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PLCB4
别名 (Alternative Names)	
基因 ID (Gene ID)	5332.0
蛋白 ID (SwissProt ID)	Q15147.Synthesized peptide derived from part region of human protein

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	129kDa

研究背景 (Background)

The protein encoded by this gene catalyzes the formation of inositol 1,4,5-trisphosphate and diacylglycerol from phosphatidylinositol 4,5-bisphosphate. This reaction uses calcium as a cofactor and plays an important role in the

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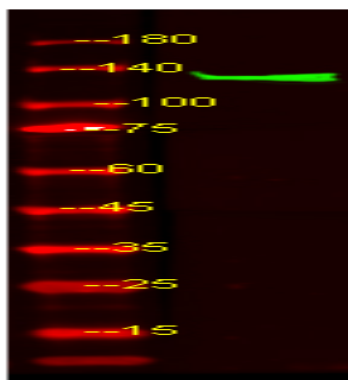


intracellular transduction of many extracellular signals in the retina. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2010], alternative products: Additional isoforms seem to exist, catalytic activity: 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate + H(2)O = 1D-myo-inositol 1,4,5-trisphosphate + diacylglycerol, cofactor: Calcium, 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. This form has a role in retina signal transduction, similarity: Contains 1 C2 domain, similarity: Contains 1 PI-PLC X-box domain, similarity: Contains 1 PI-PLC Y-box domain, tissue specificity: Preferentially expressed in the retina,

研究领域 (Research Area)

Inositol phosphate metabolism; Calcium; Chemokine; Phosphatidylinositol signaling system; Vascular smooth muscle contraction; WNT; WNT-T CELL Gap junction; Long-term potentiation; Long-term depression; GnRH; Melanogenesis; Alzheimer's disease; Huntington's disease;

图片 (Image Data)



Western Blot analysis of HEK293 lysis, using primary antibody at 1:1000 dilution. Secondary antibody was diluted at 1:10000

注意事项 (Note)

For research use only .