

PLCB4 Rabbit pAb

CatalogNo: YN1788

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat

Applications

- WB,ELISA

MW

- 129kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from part region of human protein

Specificity

PLCB4 Polyclonal Antibody detects endogenous levels of protein.

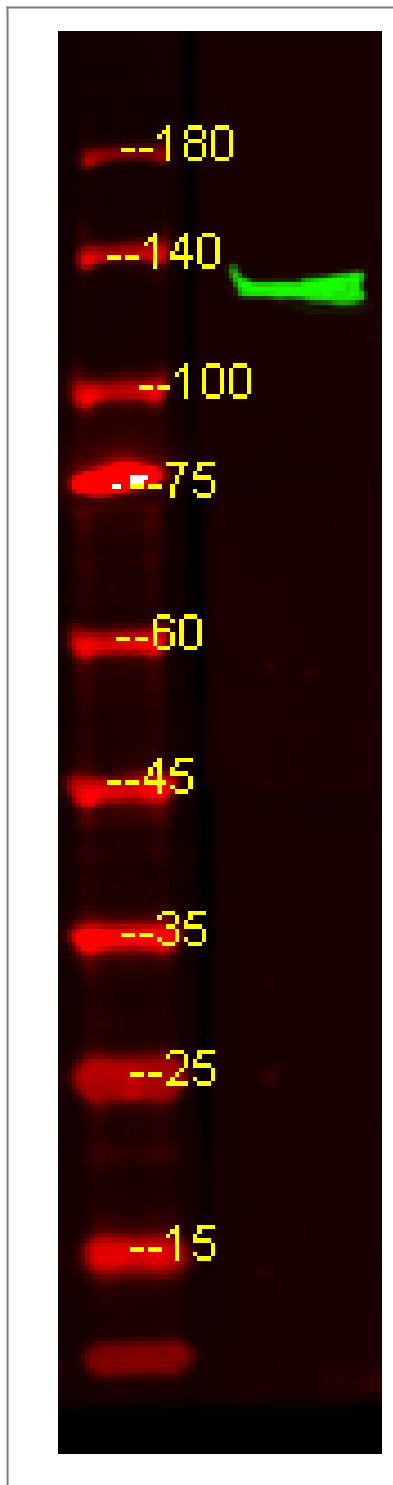
Target Information

Gene name

PLCB4

Protein Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-4 (Phosphoinositide phospholipase C-beta-4) (Phospholipase C-beta-4) (PLC-beta-4)		
	Organism	Gene ID	UniProt ID
	Human	5332 ;	Q15147 ;
	Rat		Q9QW07 ;
Cellular Localization	intracellular,nucleus,smooth endoplasmic reticulum,cytosol,postsynaptic density,dendrite,		
Tissue specificity	Preferentially expressed in the retina.		
Function	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.,		

| Validation Data



Western Blot analysis of HEK293 lysis, using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000

| Contact information

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