

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,0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

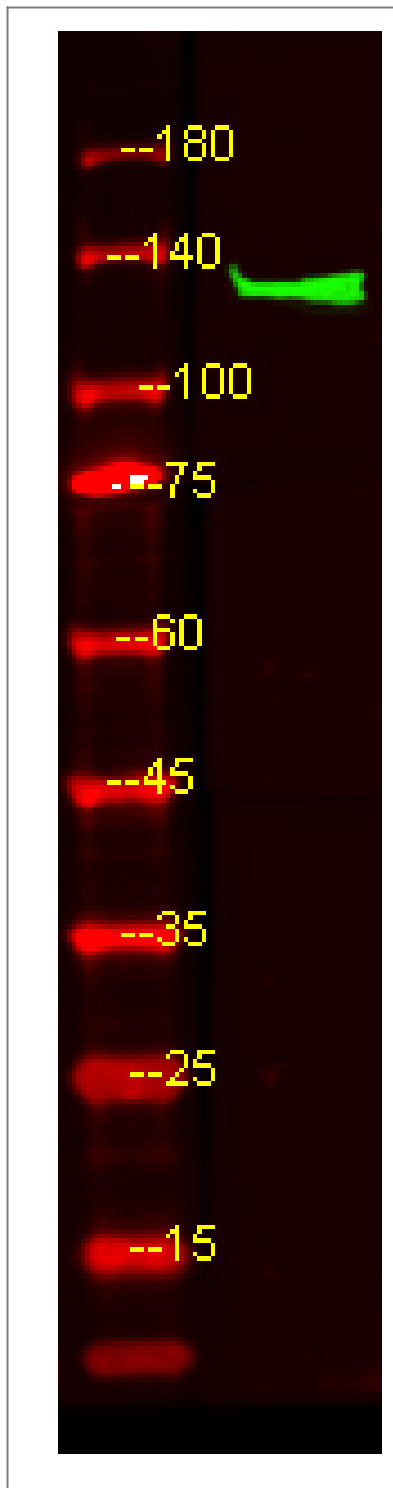
Immunogen Synthesized peptide derived from part region of human protein**Specificity** PLCB4 Polyclonal Antibody detects endogenous levels of protein.

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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