



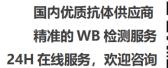
PLCH2 Polyclonal Antibody

Catalog No	BYab-05151		
Isotype	IgG		
Reactivity	Human;Mouse		
Applications	WB;ELISA		
Gene Name	PLCH2 KIAA0450 PLCL4		
Protein Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase eta-2 (EC 3.1.4.11) (Phosphoinositide phospholipase C-eta-2) (Phosphoinositide phospholipase C-like 4) (PLC-L4) (Phospholipase C-like protein		
Immunogen	Synthesized peptide derived from human protein . at AA range: 110-190		
Specificity	PLCH2 Polyclonal Antibody detects endogenous levels of protein.		
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.		
Source	Polyclonal, Rabbit,IgG		
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Dilution	WB 1:500-2000 ELISA 1:5000-20000		
Concentration	1 mg/ml		
Purity	≥90%		
Storage Stability	-20°C/1 year		
Synonyms			
Observed Band	155kD		
Cell Pathway	Cytoplasm . Cell membrane . Localized predominantly at the plasma membrane.		
Tissue Specificity	Expressed in retina and kidney.		
Function	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 phospholipase activity is very sensitive to calcium. May be important for formation and maintenance of the neuronal network in the postnatal brain.,similarity:Contains 1 C2 domain.,similarity:Contains 1 PH domain.,similarity:Contains 1 PI-PLC X-box domain.,similarity:Contains 1 PI-PLC Y-box domain.,similarity:Contains 2 EF-hand domains.,subcellular location:Localized predominantly at the plasma membrane.,tissue		

Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658







	specificity:Expressed in retina and kidney.,
Background	PLCH2 is a member of the PLC-eta family of the phosphoinositide-specific phospholipase C (PLC) superfamily of enzymes that cleave PtdIns(4,5) P2 to generate second messengers inositol 1,4,5-trisphosphate and diacylglycerol (Zhou et al., 2005 [PubMed 16107206]).[supplied by OMIM, Jun 2009],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images	

Nanjing BYabscience technology Co.,Ltd