Anti-PLCH2 antibody

Description	Unconjugated Rabbit polyclonal to PLCH2

Model	STJ190381
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human PLCH2 protein.
Immunogen Region	110-190aa
Gene ID	9651
Gene Symbol	PLCH2
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	PLCH2 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Expressed in retina and kidney.
Purification	PLCH2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase eta-2 Phosphoinositide phospholipase C-eta-2 Phosphoinositide phospholipase C-like 4 PLC-L4 Phospholipase C-like protein 4 Phospholipase C-eta-2 PLC-eta2
Molecular Weight	155 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:29037OMIM:612836
Alternative Names	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase eta-2 Phosphoinositide phospholipase C-eta-2 Phosphoinositide phospholipase C-like 4 PLC-L4 Phospholipase C-like protein 4 Phospholipase C-eta-2 PLC-eta2
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 .
Cellular Localization	Cytoplasm. Cell membrane. Localized predominantly at the plasma membrane.