



Anti-PLCH2 (aa 1204-1314) polyclonal antibody (DPABH-15606)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Recombinant fragment, corresponding to amino acids 1204-1314 of Human PLCH2 (O75038).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P, WB
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	PLCH2 phospholipase C, eta 3 [Homo sapiens]
Official Symbol	PLCH2
Synonyms	PLCH2; phospholipase C, eta 2; PLCL4; PLCeta2; PLC-eta2; 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase eta-2; PLC-L4; RP3-395M20.1; phospholipase C-eta2; phospholipase C-eta-2; phospholipase C-like 4; phospholipase C-like protein 4; phosphoinositide phospholipase C-eta-2; phosphoinositide phospholipase C-like 4; 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase eta-2;
Entrez Gene ID	9651
Protein Refseq	NP_055453.2
UniProt ID	O75038
Pathway	Inositol phosphate metabolism; Synthesis of IP3 and IP4 in the cytosol.
Function	calcium ion binding; molecular_function; phosphatidylinositol phospholipase C activity; signal transducer activity