

Rabbit anti-Human, Mouse PLCH2 Polyclonal Antibody | anti-PLCH2 antibody

PLCH2 Antibody

CATALOG # AAA327771	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

PLCH2; Polyclonal Antibody; PLCH2 Antibody; anti-PLCH2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	PLCH2 antibody detects endogenous levels of total PLCH2
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PLCH2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PLCH2, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



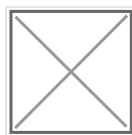
IHC (Immunohistochemistry)

AAA327771 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from MCF7, using PLCH2 Ab. The lane on the left was treated with blocking peptide.



IHC (Immunohistochemistry)

AAA327771 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-PLCH2 antibody	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 (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	732170479
NCBI GeneID	9651
NCBI Accession #	NP_001289941.1
NCBI GenBank Nucleotide #	NM_001303012.1
UniProt Accession #	O75038; Q3LUA8; Q86XJ2; Q86XU1; Q86YU7; Q8TEH5; Q8WUS6; A2VCM3; B9DI80
Molecular Weight	155 kDa
NCBI Official Full Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase eta-2 isoform 2
NCBI Official Synonym Full Names	phospholipase C eta 2
NCBI Official Symbol	PLCH2
NCBI Official Synonym Symbols	PLCL4; PLC-L4; PLCeta2; PLC-eta2
NCBI Protein Information	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase eta-2
UniProt Protein Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase eta-2
UniProt Gene Name	PLCH2
UniProt Synonym Gene Names	KIAA0450; PLCL4; PLC-L4; Phospholipase C-like protein 4; PLC-eta2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.