

PLCL1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8850a

Specification

PLCL1 Antibody (N-term) - Product Information

Application	WB, FC,E
Primary Accession	Q15111
Other Accession	Q62688 , Q3USB7
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	122728
Antigen Region	149-176

PLCL1 Antibody (N-term) - Additional Information

Gene ID 5334

Other Names

Inactive phospholipase C-like protein 1, PLC-L1, Phospholipase C-deleted in lung carcinoma, Phospholipase C-related but catalytically inactive protein, PRIP, PLCL1

Target/Specificity

This PLCL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 149-176 amino acids from the N-terminal region of human PLCL1.

Dilution

WB~~1:1000
FC~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PLCL1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PLCL1 Antibody (N-term) - Protein Information

Name PLCL1

Function Involved in an inositol phospholipid-based intracellular signaling cascade. Shows no PLC activity to phosphatidylinositol 4,5- biphosphate and phosphatidylinositol. Component in the phospho- dependent endocytosis process of GABA A receptor (By similarity). Regulates the turnover of receptors and thus contributes to the maintenance of GABA-mediated synaptic inhibition. Its aberrant expression could contribute to the genesis and progression of lung carcinoma. Acts as an inhibitor of PPP1C.

Cellular Location

Cytoplasm.

Tissue Location

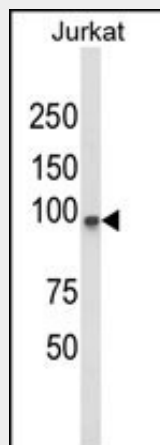
Expressed in a variety of fetal and adult organs including brain, lung and kidney. Its expression was greatly reduced in small and non-small cell lung carcinoma. Isoform 1 is predominantly expressed in brain.

PLCL1 Antibody (N-term) - Protocols

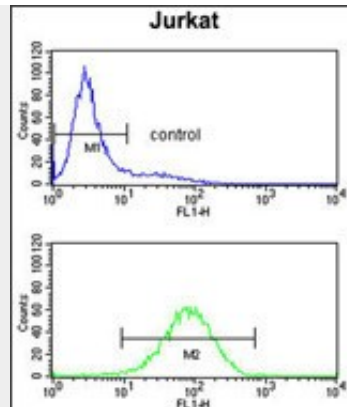
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PLCL1 Antibody (N-term) - Images



Western blot analysis of PLCL1 Antibody (N-term) (Cat. #AP8850a) in Jurkat cell line lysates (35ug/lane). PLCL1 (arrow) was detected using the purified Pab.



PLCL1 Antibody (N-term) (Cat. #AP8850a) flow cytometry analysis of Jurkat cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

PLCL1 Antibody (N-term) - Background

PLCL1 is an inositol phospholipid-based intracellular signaling cascade. Shows no PLC activity to phosphatidylinositol 4,5-bisphosphate and sphatidylinositol. Component in the phospho-dependent endocytosis process of GABA A receptor (By similarity). Regulates the turnover of receptors and thus contributes to the maintenance of GABA-mediated synaptic inhibition. Its aberrant expression could contribute to the genesis and progression of lung carcinoma. Acts as a nhibitor of PPP1C.

PLCL1 Antibody (N-term) - References

Liu, Y.Z., et.al., PLoS ONE 3 (9), E3160 (2008)