

PLCL2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12004b

Specification

PLCL2 Antibody (C-term) - Product Information

Application	IF, WB, IHC-P, FC,E
Primary Accession	Q9UPR0
Other Accession	NP_055999.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	125866
Antigen Region	1099-1126

PLCL2 Antibody (C-term) - Additional Information

Gene ID 23228

Other Names

Inactive phospholipase C-like protein 2, PLC-L(2), PLC-L2, Phospholipase C-L2, Phospholipase C-epsilon-2, PLC-epsilon-2, PLCL2, KIAA1092, PLCE2

Target/Specificity

This PLCL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1099-1126 amino acids from the C-terminal region of human PLCL2.

Dilution

IF~~1:10~50
WB~~1:1000
IHC-P~~1:10~50
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

PLCL2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PLCL2 Antibody (C-term) - Protein Information

Name PLCL2

Synonyms KIAA1092, PLCE2

Function May play an role in the regulation of Ins(1,4,5)P3 around the endoplasmic reticulum.

Cellular Location

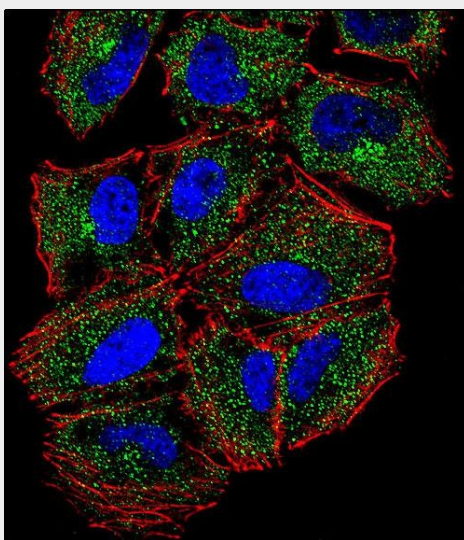
Cytoplasm. Note=Predominantly localized to perinuclear areas in both myoblast and myotube C2C12 cells

PLCL2 Antibody (C-term) - Protocols

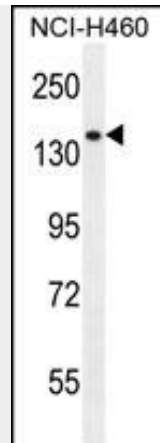
Provided below are standard protocols that you may find useful for product applications.

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

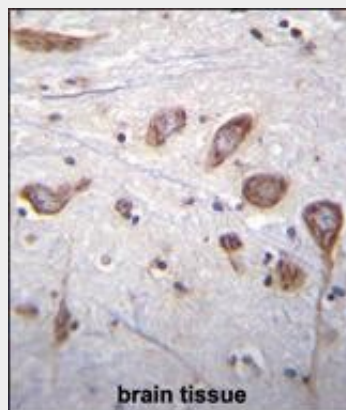
PLCL2 Antibody (C-term) - Images



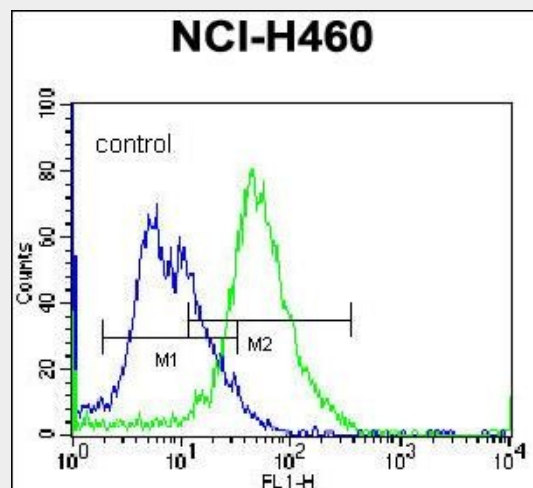
Confocal immunofluorescent analysis of PLCL2 Antibody (C-term)(Cat#AP12004b) with NCI-H460 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).DAPI was used to stain the cell nuclear (blue).



PLCL2 Antibody (C-term) (Cat. #AP12004b) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the PLCL2 antibody detected the PLCL2 protein (arrow).



PLCL2 Antibody (C-term) (Cat. #AP12004b) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PLCL2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



PLCL2 Antibody (C-term) (Cat. #AP12004b) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

PLCL2 Antibody (C-term) - Background

PLCL2 may play an role in the regulation of Ins(1,4,5)P3 around the endoplasmic reticulum (By similarity).

PLCL2 Antibody (C-term) - References

Raychaudhuri, S., et al. Nat. Genet. 41(12):1313-1318(2009)
Colland, F., et al. Genome Res. 14(7):1324-1332(2004)
Nakayama, M., et al. Genome Res. 12(11):1773-1784(2002)
Otsuki, M., et al. Biochem. Biophys. Res. Commun. 266(1):97-103(1999)