

PLCXD2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12273c

Specification

PLCXD2 Antibody (Center) - Product Information

Application	IHC-P, WB,E
Primary Accession	Q0VAA5
Other Accession	NP_695000.1 , NP_001172035.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	34777
Antigen Region	99-127

PLCXD2 Antibody (Center) - Additional Information

Other Names

PI-PLC X domain-containing protein 2, PLCXD2

Target/Specificity

This PLCXD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 99-127 amino acids from the Central region of human PLCXD2.

Dilution

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

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

PLCXD2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

PLCXD2 Antibody (Center) - Protein Information

Name PLCXD2

Function Catalyzes the hydrolysis of inositol from phosphatidylinositol (1,2-diacyl-sn-glycero-3-phospho-(1D-myo- inositol), PI) (PubMed:[22732399](#)). Could also hydrolyze

various multi- phosphorylated derivatives of PI, such as phosphatidylinositol-4,5 bisphosphate (PIP2), releasing inositol-1,4,5-trisphosphate (IP3) and the protein kinase C activator diacylglycerol (DAG), therefore mediating cell signaling (Probable).

Cellular Location

Nucleus.

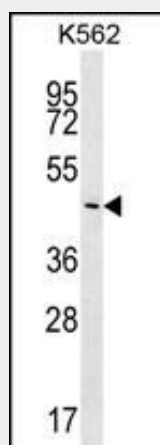
Tissue Location

Widely expressed..

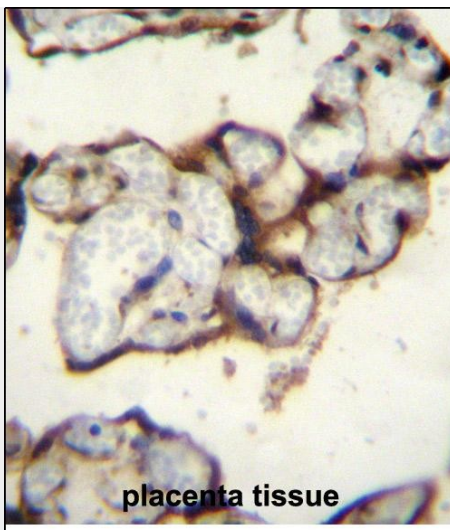
PLCXD2 Antibody (Center) - Protocols

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](#)

PLCXD2 Antibody (Center) - Images

PLCXD2 Antibody (Center) (Cat. #AP12273c) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the PLCXD2 antibody detected the PLCXD2 protein (arrow).



PLCXD2 Antibody (Center) (Cat. #AP12273c) immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PLCXD2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

PLCXD2 Antibody (Center) - References

Shimada, M., et al. Hum. Genet. 128(4):433-441(2010)
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Cirulli, E.T., et al. Eur. J. Hum. Genet. 18(7):815-820(2010)