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PLD5 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11598b

Product Information

Application	WB, IHC-P, IF, E
Primary Accession	Q8N7P1
Other Accession	NP_689879.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB29209
Calculated MW	61312
Antigen Region	508-536

Additional Information

Gene ID	200150
Other Names	Inactive phospholipase D5, Inactive PLD 5, Inactive choline phosphatase 5, Inactive phosphatidylcholine-hydrolyzing phospholipase D5, PLDc, PLD5
Target/Specificity	This PLD5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 508-536 amino acids from the C-terminal region of human PLD5.
Dilution	WB~~1:1000 IHC-P~~1:100~500 IF~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. 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	PLD5 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PLD5
Cellular Location	Membrane; Single-pass membrane protein

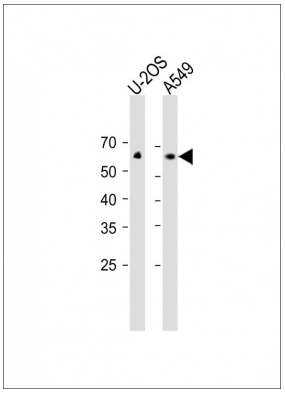
Background

The specific function of the protein remains unknown.

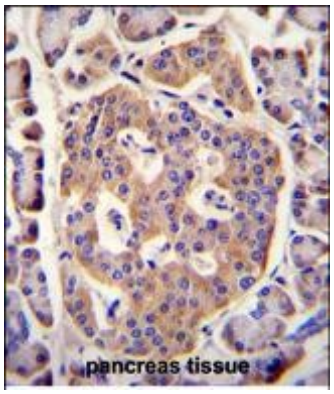
References

Anney, R., et al. Hum. Mol. Genet. (2010) In press :
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
McCauley, J.L., et al. Genes Immun. 10(7):624-630(2009)

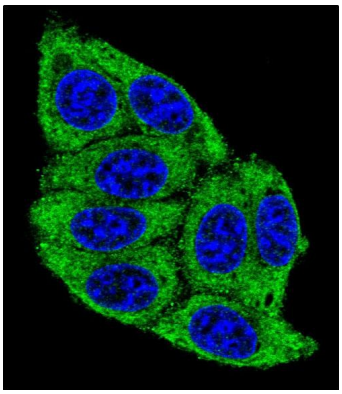
Images



All lanes: Anti-PLD5 Antibody (C-term) at 1:500 dilution Lane 1: U-2OS whole cell lysate Lane 2: A549 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 61 KDa Blocking/Dilution buffer: 5% NFDM/TBST.



PLD5 Antibody (C-term) (Cat. #AP11598b)immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PLD5 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Confocal immunofluorescent analysis of PLD5 Antibody (C-term)(Cat#AP11598b) with 293 cell followed by Alexa Fluor? 488-conjugated goat anti-rabbit lgG (green). DAPI was used to stain the cell nuclear (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.