

PPAPDC1B Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22010c

Specification

PPAPDC1B Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q8NEB5
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	29484

PPAPDC1B Antibody (Center) - Additional Information

Gene ID 84513

Other Names

Phosphatidate phosphatase PPAPDC1B, 3.1.3.4, Phosphatidic acid phosphatase type 2 domain-containing protein 1B, PPAPDC1B, DPPL1, HTPAP

Target/Specificity

This PPAPDC1B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 114-146 amino acids from the Central region of human PPAPDC1B.

Dilution

WB~~1:2000

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

PPAPDC1B Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

PPAPDC1B Antibody (Center) - Protein Information

Name PLPP5 ([HGNC:25026](#))

Function Magnesium-independent phospholipid phosphatase with broad substrate specificity (PubMed:[17590538](#)). Preferentially catalyzes the conversion of diacylglycerol pyrophosphate into phosphatidate but can also act on phosphatidate and lysophosphatidate (PubMed:[17590538](#)).

Phospholipid phosphatases are involved in both the synthesis of lipids and the generation or degradation of lipid-signaling molecules (PubMed:[17590538](#)).

Cellular Location

Cell membrane; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q3UMZ3}

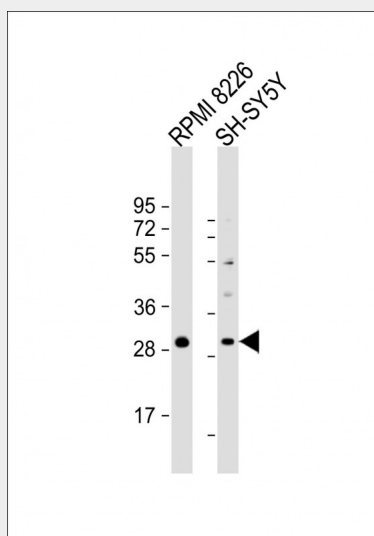
Tissue Location

Ubiquitous..

PPAPDC1B 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](#)

PPAPDC1B Antibody (Center) - Images

All lanes : Anti-PPAPDC1B Antibody (Center) at 1:2000 dilution Lane 1: RPMI 8226 whole cell lysate Lane 2: SH-SY5Y whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 29 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

PPAPDC1B Antibody (Center) - Background

Displays magnesium-independent phosphatidate phosphatase activity in vitro. Catalyzes the conversion of phosphatidic acid to diacylglycerol. May be a metastatic suppressor for hepatocellular carcinoma.

PPAPDC1B Antibody (Center) - References

Takeuchi M.,et al.Gene 399:174-180(2007).
Nusbaum C.,et al.Nature 439:331-335(2006).
Li Y.,et al.Submitted (DEC-1999) to the EMBL/GenBank/DDBJ databases.
Wu X.,et al.Oncogene 25:1832-1840(2006).