

DPPL1 / PPAPDC1B Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13546**Specification**

DPPL1 / PPAPDC1B Antibody (N-Terminus) - Product Information

Application	IHC
Primary Accession	Q8NEB5
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29kDa KDa

DPPL1 / PPAPDC1B Antibody (N-Terminus) - 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

Human PPAPDC1B

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

DPPL1 / PPAPDC1B Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

DPPL1 / PPAPDC1B Antibody (N-Terminus) - Protein Information**Name** PLPP5 ([HGNC:25026](#))**Function**

Magnesium-independent phospholipid phosphatase with broad substrate specificity (PubMed: [17590538](http://www.uniprot.org/citations/17590538)). Preferentially catalyzes the conversion of diacylglycerol pyrophosphate into phosphatidate but can also act on phosphatidate and lysophosphatidate (PubMed: [17590538](http://www.uniprot.org/citations/17590538)). Phospholipid phosphatases are involved in both the synthesis of lipids and the generation or degradation of lipid-signaling molecules (PubMed: [17590538](http://www.uniprot.org/citations/17590538)).

Cellular Location

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

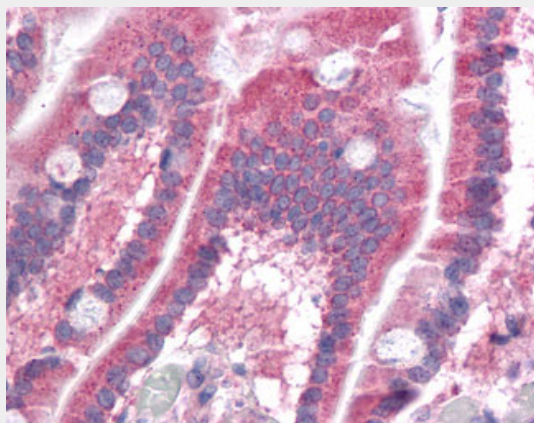
Tissue Location

Ubiquitous..

DPPL1 / PPAPDC1B Antibody (N-Terminus) - 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](#)

DPPL1 / PPAPDC1B Antibody (N-Terminus) - Images

Anti-PPAPDC1B antibody IHC of human small intestine.

DPPL1 / PPAPDC1B Antibody (N-Terminus) - 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.

DPPL1 / PPAPDC1B Antibody (N-Terminus) - 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).