

**PPAPDC1A Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11185a****Specification**

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**PPAPDC1A Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [Q5VZY2](#)  
Other Accession [NP\\_001025230.1](#)

**PPAPDC1A Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 196051

**Other Names**

Phosphatidate phosphatase PPAPDC1A, Phosphatidic acid phosphatase type 2 domain-containing protein 1A, PPAPDC1A, DPPL2, PPAPDC1

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**PPAPDC1A Antibody (N-term) Blocking peptide - Protein Information**

**Name** PLPP4 ([HGNC:23531](#))

**Function**

Magnesium-independent phospholipid phosphatase with broad substrate specificity (PubMed:<a href="http://www.uniprot.org/citations/17590538" target="\_blank">17590538</a>). Preferentially catalyzes the conversion of diacylglycerol pyrophosphate into phosphatidate but can also act on phosphatidate and lysophosphatidate (PubMed:<a href="http://www.uniprot.org/citations/17590538" target="\_blank">17590538</a>). Phospholipid phosphatases are involved in both the synthesis of lipids and the degradation or generation of lipid-signaling molecules like diacylglycerol (PubMed:<a href="http://www.uniprot.org/citations/28851360" target="\_blank">28851360</a>).

**Cellular Location**

Membrane; Multi-pass membrane protein

**Tissue Location**

Expressed mainly to the brain, kidney and testis, and to a lesser extent the bone marrow, thymus, prostate, liver and uterus.

**PPAPDC1A Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**PPAPDC1A Antibody (N-term) Blocking peptide - Images****PPAPDC1A Antibody (N-term) Blocking peptide - References**

Rose, J. Phd, et al. Mol. Med. (2010) In press :Takeuchi, M., et al. Gene 399(2):174-180(2007)