

PPAPDC1A Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11185a

Specification

PPAPDC1A Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q5VZY2
Other Accession	Q0VBU9 , NP_001025230.1
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	30395
Antigen Region	6-35

PPAPDC1A Antibody (N-term) - Additional Information

Gene ID 196051

Other Names

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

Target/Specificity

This PPAPDC1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 6-35 amino acids from the N-terminal region of human PPAPDC1A.

Dilution

WB~~1:1000
IHC-P~~1:10~50

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

PPAPDC1A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PPAPDC1A Antibody (N-term) - Protein Information

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

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 degradation or generation of lipid-signaling molecules like diacylglycerol (PubMed:[28851360](#)).

Cellular Location

Membrane; Multi-pass membrane protein

Tissue Location

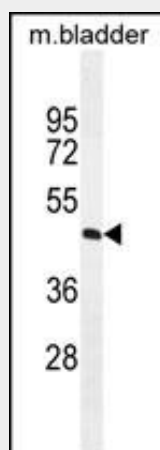
Expressed mainly to the brain, kidney and testis, and to a lesser extent the bone marrow, thymus, prostate, liver and uterus.

PPAPDC1A Antibody (N-term) - Protocols

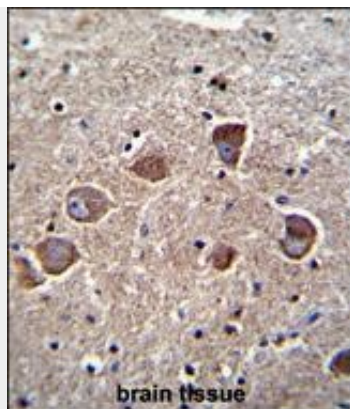
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PPAPDC1A Antibody (N-term) - Images



PPAPDC1A Antibody (N-term) (Cat. #AP11185a) western blot analysis in mouse bladder tissue lysates (35ug/lane). This demonstrates the PPAPDC1A antibody detected the PPAPDC1A protein (arrow).



PPAPDC1A Antibody (N-term) (Cat. #AP11185a) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PPAPDC1A Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

PPAPDC1A Antibody (N-term) - References

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