

PPAPDC1A Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11185a

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
Clone Names	RB28991
Calculated MW	30395
Antigen Region	6-35

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~~1:100~500 E~~Use at an assay dependent concentration.
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.

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

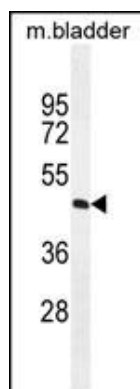
Tissue Location

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

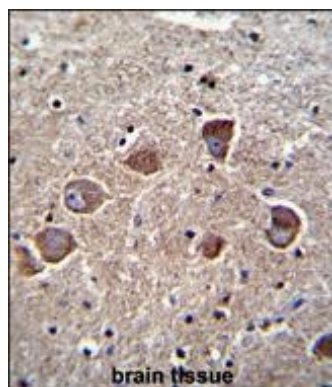
References

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

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.

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