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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
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
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).

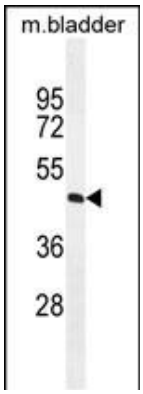
Cellular Location Membrane; Multi- pass membrane protein

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

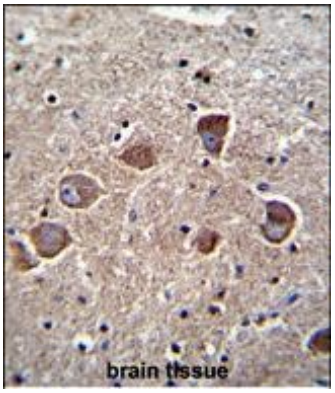
References

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'.