

Rabbit PPAPDC1A Polyclonal Antibody | anti-PPAPDC1A antibody

PPAPDC1A Antibody

CATALOG # AAA39813	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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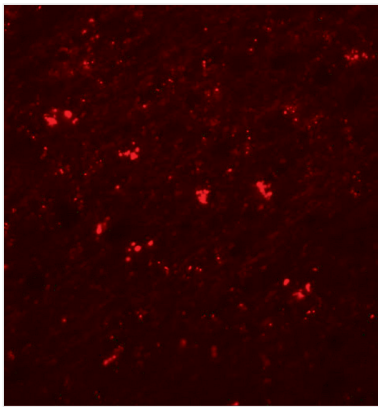
PRODUCT SYNONYMS

PPAPDC1A; Polyclonal Antibody; PPAPDC1A Antibody; DPPL2; PPAPDC1; Phosphatidate phosphatase PPAPDC1A; Phosphatidic acid phosphatase type 2 domain-containing protein 1A; phosphatidic acid phosphatase type 2 domain containing 1A; anti-PPAPDC1A antibody

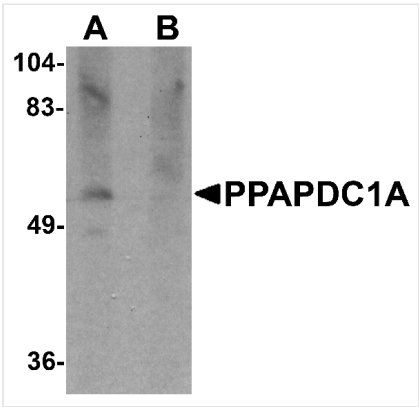
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	PPAPDC1A Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	271
Applicable Applications for anti-PPAPDC1A antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	PPAPDC1A antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human PPAPDC1A.
Buffer	PPAPDC1A Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	PPAPDC1A antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of PPAPDC1A in human brain tissue with PPAPDC1A antibody at 20 μg/mL.



WB (Western Blot)
Western blot analysis of PPAPDC1A in human brain tissue lysate with PPAPDC1A antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PPAPDC1A antibody	PPAPDC1A Antibody: Phosphatidate phosphatase (PAP) plays important role in lipid-signaling metabolism in eukaryotic cells. Two distinct types of PAP (PAP1 and PAP2) activity have been distinguished by their subcellular localization and differential sensitivity to N-ethylmaleimide(NEM) and Mg2+. A yeast diacylglycerol pyrophosphate (DGPP) phosphatase (DPP1) and mammalian DGPP phosphatase (PAP2) have been identified as Mg2+-independent and NEM-insensitive membrane-associated. PPAPDC1A (also known as DPPL2) and PPAPDC1B (DPPL1) form a novel type of Mg2+-independent and NEM-sensitive mammalian phosphatidate phosphatase showing broad substrate specificity. PPAPDC1A is preferentially expressed in endothelial cells. Studies of PPAPDC1A and PAP activity suggest that they may play a role in angiogenesis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	73611920
NCBI GeneID	196051
NCBI Accession #	NP_001025230
NCBI GenBank Nucleotide #	NM_001030059.1
UniProt Accession #	Q5VZY2; Q08EQ2; Q0IIP2; Q495B4; Q5VZY1; A2RU82
Molecular Weight	11,089 Da
NCBI Official Full Name	phosphatidate phosphatase PPAPDC1A
NCBI Official Synonym Full Names	phosphatidic acid phosphatase type 2 domain containing 1A
NCBI Official Symbol	PPAPDC1A
NCBI Official Synonym Symbols	DPPL2; PPAPDC1
NCBI Protein Information	phosphatidate phosphatase PPAPDC1A; diacylglycerol pyrophosphate like 2; phosphatidic acid phosphatase type 2 domain-containing protein 1A
UniProt Protein Name	Phosphatidate phosphatase PPAPDC1A
UniProt Gene Name	PPAPDC1A
UniProt Synonym Gene Names	DPPL2; PPAPDC1
UniProt Entry Name	PPC1A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ppapdc1a-antibody-immunofluorescence-western-blot-elisa/39813>