

Rabbit anti-Human PPAPDC1B Polyclonal Antibody | anti-PPAPDC1B antibody

PPAPDC1B Antibody (Center)

CATALOG # AAA290640	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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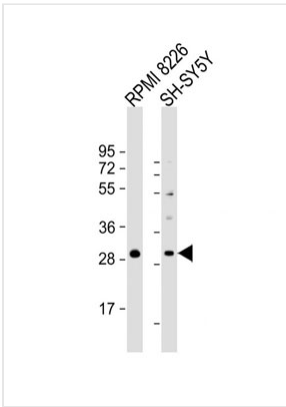
PRODUCT SYNONYMS

PPAPDC1B; Polyclonal Antibody; PPAPDC1B Antibody (Center); Purified Rabbit Polyclonal Antibody (Pab); Phosphatidate phosphatase PPAPDC1B; 3.1.3.4; Phosphatidic acid phosphatase type 2 domain-containing protein 1B; DPPL1; HTPAP; anti-PPAPDC1B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PPAPDC1B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 114-146 amino acids from the Central region of human PPAPDC1B.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Applicable Applications for anti-PPAPDC1B antibody	ELISA, WB (Western Blot)
Function	Magnesium-independent phospholipid phosphatase with broad substrate specificity (PubMed:). Preferentially catalyzes the conversion of diacylglycerol pyrophosphate into phosphatidate but can also act on phosphatidate and lysophosphatidate (PubMed:). Phospholipid phosphatases are involved in both the synthesis of lipids and the generation or degradation of lipid-signaling molecules (PubMed:).
Cellular Location	Cell membrane; Multi-pass membrane protein {ECO:0000250 UniProtKB:Q3UMZ3}
Tissue Location	Ubiquitous..
Preparation and 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.

IMAGES



WB (Western Blot)
All lanes : Anti-PPAPDC1B Antibody (Center) at 1:2000 dilution
Lane 1: RPMI 8226 whole cell lysate
Lane 2: SH-SY5Y whole cell lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 29 kDa
Blocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Related Product Information for anti-PPAPDC1B antibody	Displays magnesium-independent phosphatidate phosphatase activity in vitro. Catalyzes the conversion of phosphatidic acid to diacylglycerol. May be a metastatic suppressor for hepatocellular carcinoma.
Product Categories/Family for anti-PPAPDC1B antibody	Cancer
References	Takeuchi M.,et al.Gene 399:174-180(2007). Nusbaum C.,et al.Nature 439:331-335(2006). Li Y.,et al.Submitted (DEC-1999) to the EMBL/GenBank/DDBJ databases. Wu X.,et al.Oncogene 25:1832-1840(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	156523237
NCBI GeneID	84513
NCBI Accession #	NP_001096029.1
NCBI GenBank Nucleotide #	NM_001102559.1
UniProt Accession #	Q8NEB5; Q3KQX6; Q9BY45; C9JKF5
Molecular Weight	29484
NCBI Official Full Name	phospholipid phosphatase 5 isoform 1
NCBI Official Synonym Full Names	phospholipid phosphatase 5
NCBI Official Symbol	PLPP5
NCBI Official Synonym Symbols	DPPL1; HTPAP; PPAPDC1B
NCBI Protein Information	phospholipid phosphatase 5
UniProt Protein Name	Phospholipid phosphatase 5
UniProt Gene Name	PLPP5
UniProt Entry Name	PLPP5_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.

