

[Go to Product page](#)

Datasheet for ABIN6991235 **anti-PPAPDC1A antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	PPAPDC1A
Binding Specificity:	C-Term
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPAPDC1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	PPAPDC1A antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human PPAPDC1A. The immunogen is located within the last 50 amino acids of PPAPDC1A.
Isotype:	IgG
Purification:	PPAPDC1A Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	PPAPDC1A
Alternative Name:	PPAPDC1A (PPAPDC1A Products)
Background:	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

Target Details

distinguished by their subcellular localization and differential sensitivity to N-ethylmaleimide (NEM) and Mg^{2+} . A yeast diacylglycerol pyrophosphate (DGPP) phosphatase (DPP1) and mammalian DGPP phosphatase (PAP2) have been identified as Mg^{2+} -independent and NEM-insensitive membrane-associated. PPAPDC1A (also known as DPPL2) and PPAPDC1B (DPPL1) form a novel type of Mg^{2+} -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.

Gene ID: 196051

NCBI Accession: [NP_001025230](#)

UniProt: [Q5VZY2](#)

Application Details

Application Notes: PPAPDC1A antibody can be used for detection of PPAPDC1A by Western blot at 1 μ g/mL. For immunofluorescence start at 20 μ g/mL.

Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PPAPDC1A Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: PPAPDC1A antibody can be stored at 4°C for three months and -20°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.