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Datasheet for ABIN500527 **anti-PPAPDC1A antibody (C-Term)**

Overview

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|----------------------|--|
| 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), Immunofluorescence (IF), Enzyme Immunoassay (EIA) |

Product Details

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|-----------------------------|---|
| Immunogen: | PPAPDC1A antibody was raised against a 14 amino acid peptide near the carboxy terminus of human PPAPDC1A. |
| Isotype: | IgG |
| Cross-Reactivity (Details): | Species reactivity (tested): Human, mouse, rat |
| Purification: | Peptide affinity chromatography |

Target Details

| | |
|-------------------|---|
| Target: | PPAPDC1A |
| Alternative Name: | PPAPDC1A (PPAPDC1A Products) |
| Background: | Phosphatidate phosphatase (PAP) plays important role in lipid-signaling metabolism in |

Target Details

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 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. Synonyms: DPPL2, PPAPDC1, Phosphatidate phosphatase PPAPDC1A, Phosphatidic acid phosphatase type 2 domain-containing protein 1A

Gene ID: 196051

NCBI Accession: [NP_001025230](#)

UniProt: [Q5VZY2](#)

Application Details

Application Notes: ELISA. Western blot.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: 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.

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store the antibody (in aliquots) at -20 °C.