

## Datasheet for ABIN6991237 **anti-PPAPDC2 antibody (C-Term)**



[Go to Product page](#)

### Overview

Quantity:	0.1 mg
Target:	PPAPDC2
Binding Specificity:	AA 170-220, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPAPDC2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

### Product Details

Immunogen:	PPAPDC2 antibody was raised against a 13 amino acid synthetic peptide from near the carboxy terminus human PPAPDC2. The immunogen is located within amino acids 170 - 220 of PPAPDC2.
Isotype:	IgG
Purification:	PPAPDC2 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	PPAPDC2
Alternative Name:	PPAPDC2 ( <a href="#">PPAPDC2 Products</a> )
Background:	PPAPDC2 Antibody: PPAPDC2 is a phosphatase that dephosphorylates Presqualene diphosphate (PSDP) into presqualene monophosphate (PSMP), suggesting that it may have

## Target Details

important role in innate immunity. PSDP is a bioactive lipid that rapidly remodels to PSMP upon cell activation. PPAPDC2 displays diphosphate phosphatase activity with a substrate preference for PSDP > FDP > phosphatidic acid. PPAPDC2 activity is independent of Mg<sup>2+</sup> and has been identified in activated human neutrophil (PMN) extracts. It is widely expressed in human tissues. Recent studies shows PPAPDC2 is a functional isoprenoid diphosphate phosphatase.

Gene ID: 403313

NCBI Accession: [NP\\_982278](#)

UniProt: [Q8IY26](#)

## Application Details

Application Notes: PPAPDC2 antibody can be used for detection of PPAPDC2 by Western blot at 1 µg/mL. For immunofluorescence start at 20 µg/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: PPAPDC2 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: PPAPDC2 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.