
PPAPDC2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254186

Unit: 0.1 mg

Description:

PPAPDC2 is a phosphatase that dephosphorylates Presqualene diphosphate (PSDP) into presqualene monophosphate (PSMP), suggesting that it may have 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 Mg²⁺ 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.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: PPAPDC2; Phosphatidic acid phosphatase type 2 domain containing 2; PSD

Accession No.: NP_982278

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human PPAPDC2.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.