BOSTER BIOLOGICAL TECHNOLOGY
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Anti-PPAPDC2 PLPP6 Antibody

Catalog Number: A14868

About PPAPDC2

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.

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Overview

Product Name	Anti-PPAPDC2 PLPP6 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PPAPDC2 PLPP6 Antibody (Catalog # A14868). Tested in ELISA, WB, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, WB
Clonality	Polyclonal
Formulation	PPAPDC2 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	PPAPDC2 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q8IY26

Technical Details

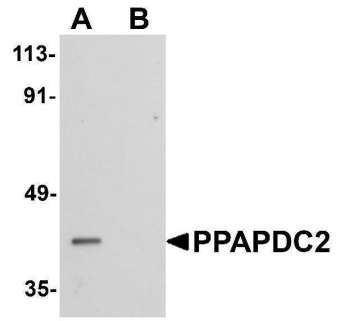
Immunogen	PPAPDC2 antibody was raised against a 13 amino acid synthetic peptide from near the carboxy terminus human PPAPDC2. The immunogen is located within amino acids 170 - 220 of PPAPDC2.
Predicted Reactive Species	Bovine
Isotype	IgG

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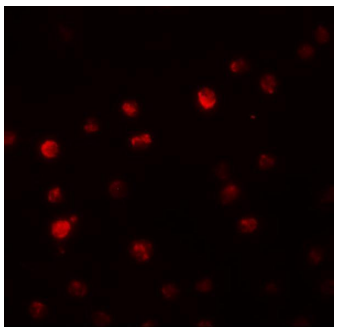
Form	Liquid
Concentration	1 mg/mL
Purification	PPAPDC2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	PPAPDC2 antibody can be used for detection of PPAPDC2 by Western blot at 1 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-PPAPDC2 PLPP6 Antibody (A14868) Images



Western blot analysis of PPAPDC2 in Raji cell lysate with PPAPDC2 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunofluorescence of PPAPDC2 in Raji cells with PPAPDC2 antibody at 20 ug/mL.

Anti-PPAPDC2 PLPP6 Antibody

For Research Use Only. Not for use in diagnostic procedures.