PPAPDC2 polyclonal antibody

Catalog: BS33701 Host: Rabbit Reactivity: Human, Mouse, Rat

BackGround:

Polyisoprenoid diphosphate/phosphate phosphohydrolase PLPP6: Magnesium-independent polyisoprenoid diphosphatase that catalyzes the sequential dephosphorylation of presqualene, farnesyl, geranyl and geranylgeranyl diphosphates . Functions in the innate immune response through the dephosphorylation of presqualene diphosphate which acts as a potent inhibitor of the signaling pathways contributing to polymorphonuclear neutrophils activation . May regulate the biosynthesis of cholesterol and related sterols by dephosphorylating presqualene and farnesyl diphosphate, two key intermediates in this biosynthetic pathway . May also play a role in protein prenylation by acting on farnesyl diphosphate and its derivative geranylgeranyl diphosphate, two precursors for the addition of isoprenoid anchors to membrane proteins . Has a lower activity towards phosphatidic acid (PA), but through phosphatidic acid dephosphorylation may participate in the biosynthesis...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~32.2 kDa

Swiss-Prot:

Q8IY26

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of PPAPDC2 protein

DATA:

Western blot analysis of Lamin A/C expression in A431 (A), Hela (B), THP1 (C), mouse muscle (D), rat kidney (E), rat muscle (F) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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