

Datasheet for ABIN7091096 **anti-FDPS antibody**



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Overview

Quantity:	100 µL
Target:	FDPS
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FDPS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant human FDPS.
Clone:	H11L1
Predicted Reactivity:	Human,Mouse

Target Details

Target:	FDPS
Alternative Name:	FDPS (FDPS Products)
Background:	<p>Synonyms: FPPS_HUMAN, Farnesyl pyrophosphate synthase, FPP synthase, FPS, (2E,6E)-farnesyl diphosphate synthase, Dimethylallyltranstransferase, Farnesyl diphosphate synthase, Geranyltranstransferase.</p> <p>Background: Key enzyme in isoprenoid biosynthesis which catalyzes the formation of farnesyl diphosphate (FPP), a precursor for several classes of essential metabolites including sterols,</p>

Target Details

dolichols, carotenoids, and ubiquinones. FPP also serves as substrate for protein farnesylation and geranylgeranylation. Catalyzes the sequential condensation of isopentenyl pyrophosphate with the allylic pyrophosphates, dimethylallyl pyrophosphate, and then with the resultant geranylpyrophosphate to the ultimate product farnesyl pyrophosphate.

Gene ID: 2224

UniProt: [P14324](#)

Pathways: [Regulation of Muscle Cell Differentiation](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months