

Datasheet for ABIN7152571
anti-FDPS antibody (AA 1-419)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	FDPS
Binding Specificity:	AA 1-419
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FDPS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant Human Farnesyl pyrophosphate synthase protein (1-419AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	FDPS
Alternative Name:	FDPS (FDPS Products)
Background:	Background: Key enzyme in isoprenoid biosynthesis which catalyzes the formation of farnesyl diphosphate (FPP), a precursor for several classes of essential metabolites including sterols,

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.

Aliases: (2E antibody, (2E,6E) farnesyl diphosphate synthase antibody, 6E)-farnesyl diphosphate synthase antibody, Dimethylallyltranstransferase antibody, Farnesyl diphosphate synthase antibody, Farnesyl diphosphate synthetase antibody, Farnesyl pyrophosphate synthase antibody, Farnesyl pyrophosphate synthetase antibody, Fdps antibody, FPP synthase antibody, FPP synthetase antibody, FPPS antibody, FPPS_HUMAN antibody, FPS antibody, Geranyltranstransferase antibody

UniProt: [P14324](#)

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

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IP:1:200-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

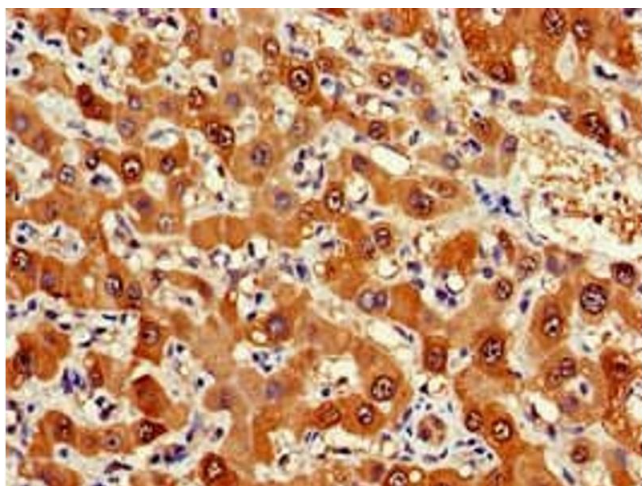
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

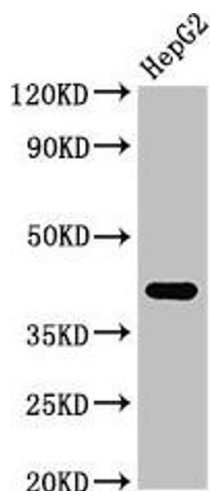
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



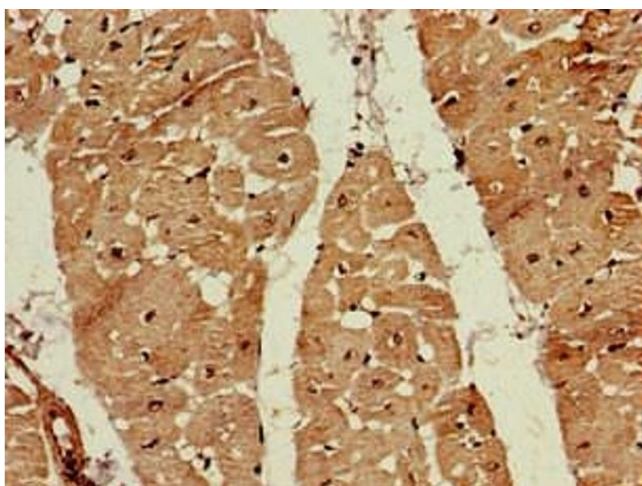
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7152571 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: HepG2 whole cell lysate All lanes: FDPS antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 49, 41 kDa Observed band size: 41 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human heart tissue using ABIN7152571 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7152571.