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[KD-Validated] Anti-Farnesyl diphosphate synthase Rabbit Monoclonal Antibody

Cat No.: KD-10377

Aliases:

FDPS; Farnesyl Diphosphate Synthase; Farnesyl Pyrophosphate Synthetase, Dimethylallyltranstransferase, Geranyltranstransferase; (2E,6E)-Farnesyl Diphosphate Synthase; Farnesyl Pyrophosphate Synthase; FPP Synthase; FPS; Dimethylallyltranstransferase; Geranyltranstransferase; FPP Synthetase; EC 2.5.1.10; EC 2.5.1.1; KIAA1293; POROK9; FPPS

Background:

UniProt Entry: [P14324](#);NCBI Gene Entry: [2224](#)

Application Information

Molecular Weight: Predicted, 48 kDa, observed, 36 kDa Clonality: Rabbit monoclonal antibody Clone ID: 23GB1395 Species Reactivity: Human Applications Used: Western Blotting (WB), Flow Cytometry (FCM), Immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human FDPS

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

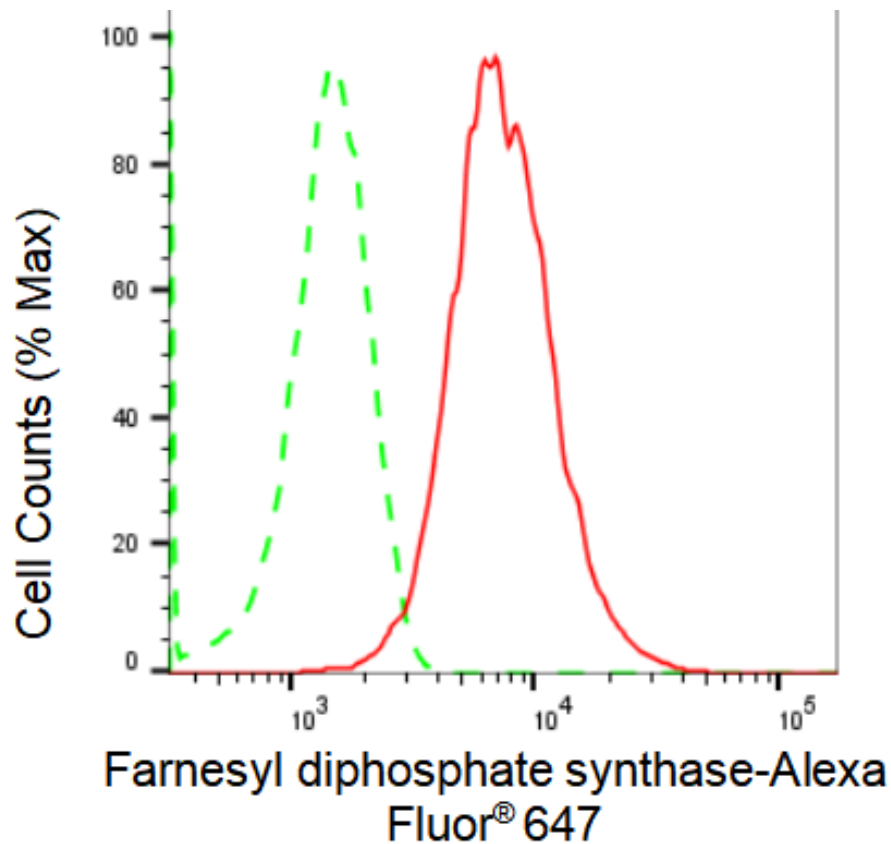
Store at -20 °C for one year.

Recommended Dilutions

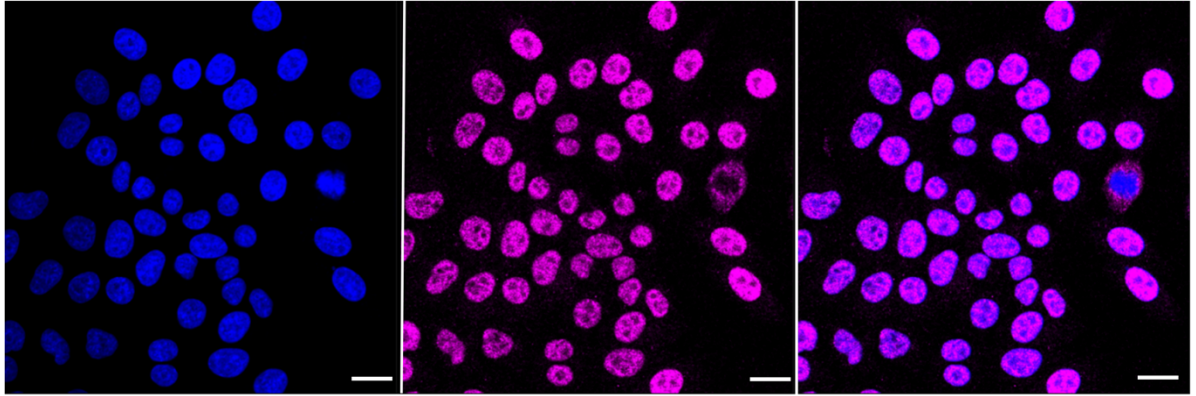
Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:1,000

Protocols

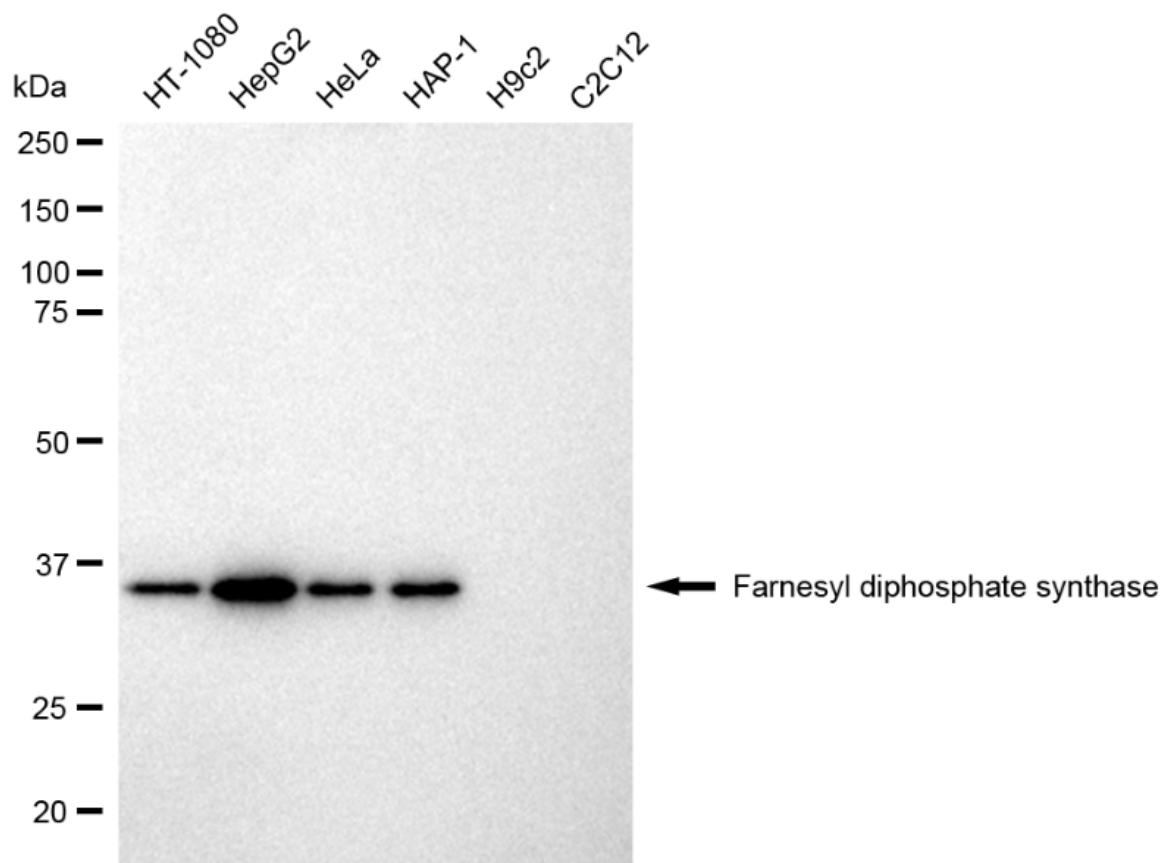
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



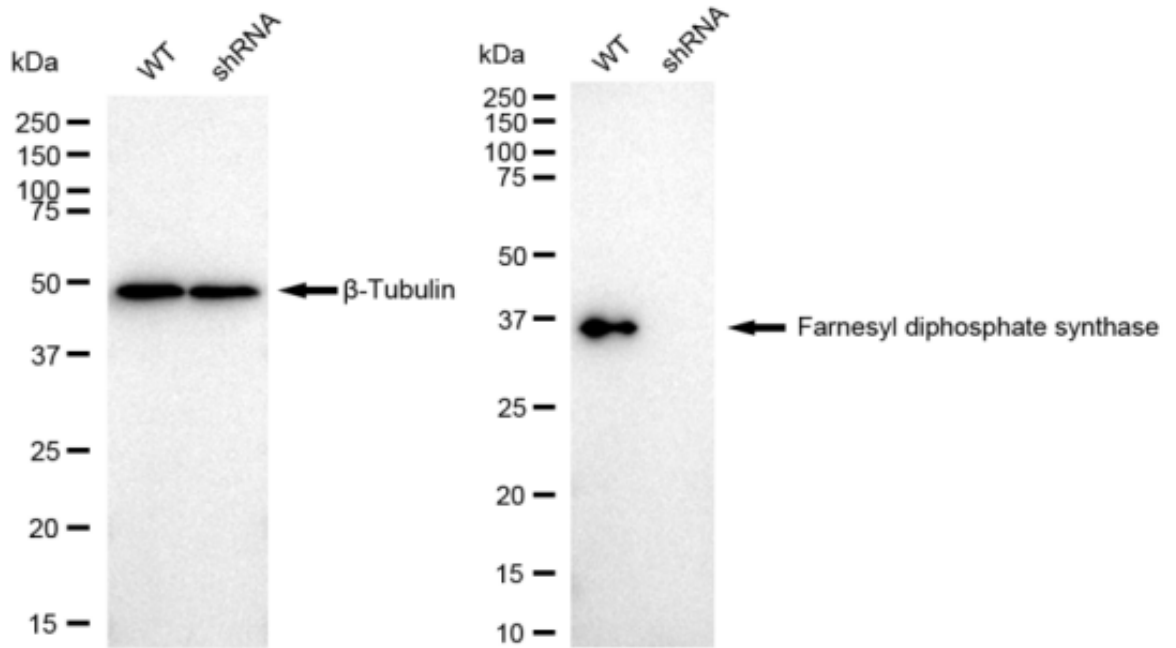
Flow cytometric analysis of Farnesyl diphosphate synthase expression in HepG2 cells using Farnesyl diphosphate synthase antibody 1:2,000. Green, isotype control; red, Farnesyl diphosphate synthase.



Immunocytochemical staining of HepG2 cells with Farnesyl diphosphate synthase antibody 1:1,000. Nuclei were stained blue with DAPI; Farnesyl diphosphate synthase was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.



Western blotting analysis using anti-Farnesyl diphosphate synthase antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:50,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .



Western blotting analysis using anti-Farnesyl diphosphate synthase antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .