

KD-Validated Anti-Farnesyl diphosphate synthase Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

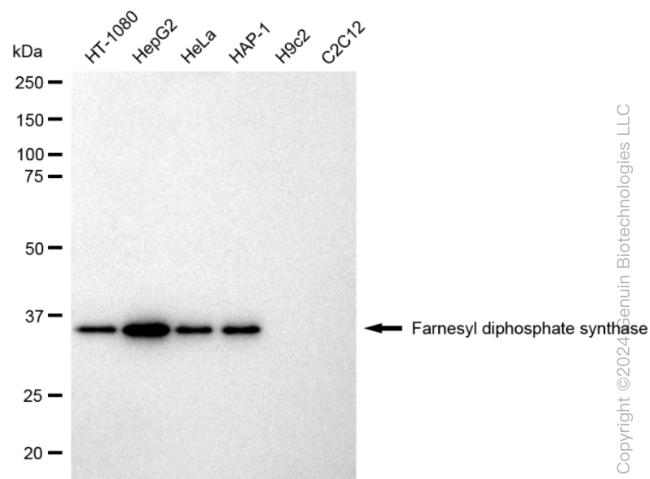
ABG1583

Product Overview

Name	KD-Validated Anti-Farnesyl diphosphate synthase Rabbit Monoclonal Antibody
Accession(Primary)	P14324
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human FDPS
Species Reactivity	Human
Calculated MW	Predicted, 48 kDa, observed, 36 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

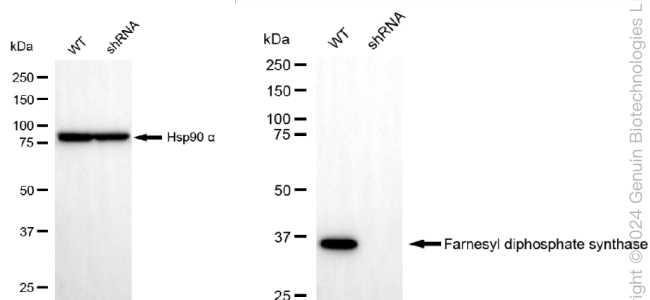
Target information (P14324)

Gene Name	FDPS
About Gene Symbol	FDPS (Farnesyl Diphosphate Synthase) is a biosynthetic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



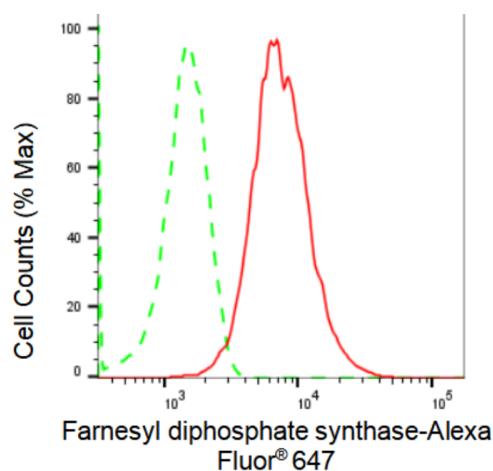
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Western blotting analysis using anti-Farnesyl diphosphate synthase antibody (Cat#ABG1583). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Farnesyl diphosphate synthase antibody (Cat#ABG1583, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



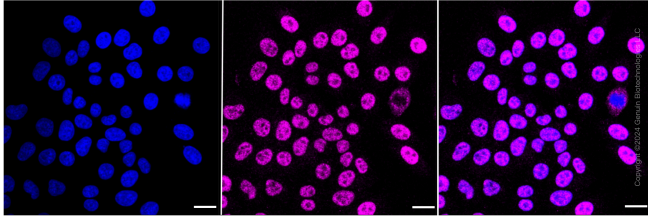
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Western blotting analysis using anti-Farnesyl diphosphate synthase antibody (Cat#ABG1583). Farnesyl diphosphate synthase expression in wild type (WT) and farnesyl diphosphate synthase shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-Farnesyl diphosphate synthase antibody (Cat#ABG1583, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Farnesyl diphosphate synthase expression in HepG2 cells using Farnesyl diphosphate synthase antibody (Cat#ABG1583, 1:2,000). Green, isotype control; red, Farnesyl diphosphate synthase.



Immunocytochemical staining of HepG2 cells with Farnesyl diphosphate synthase antibody (Cat#ABG1583, 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.