

# KD-Validated Anti-FDFT1 Mouse Monoclonal Antibody



**Catalog #: 63442**

## Aliases

FDFT1; Farnesyl-Diphosphate Farnesyltransferase 1; SQS; Squalene Synthase; FPP:FPP Farnesyltransferase; EC 2.5.1.21; SS; Farnesyl-Diphosphate Farnesyltransferase; Presqualene-Diphosphate Synthase; Squalene Synthetase; DGPT; ERG9; SQSD

## Background

Gene Name: FDFT1

NCBI Gene Entry: [2222](#)

UniProt Entry: [P37268](#)

## Application Information

Molecular Weight: Predicted, 48 kDa, observed, 48 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB5645

Species Reactivity: Human

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

## Immunogen

Recombinant protein of human FDFT1

## Isotype

Mouse IgG2b

## 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): 1:2,500-1:5,000

Immunocytochemistry (IC): 1:100-1:1,000

**Note:** This product is for research use only.

## Validation Data

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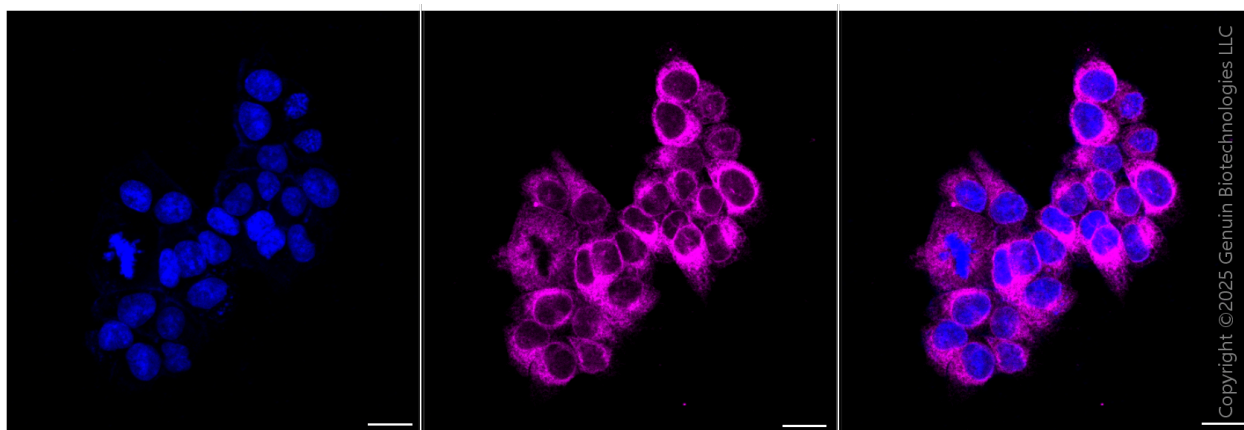
### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

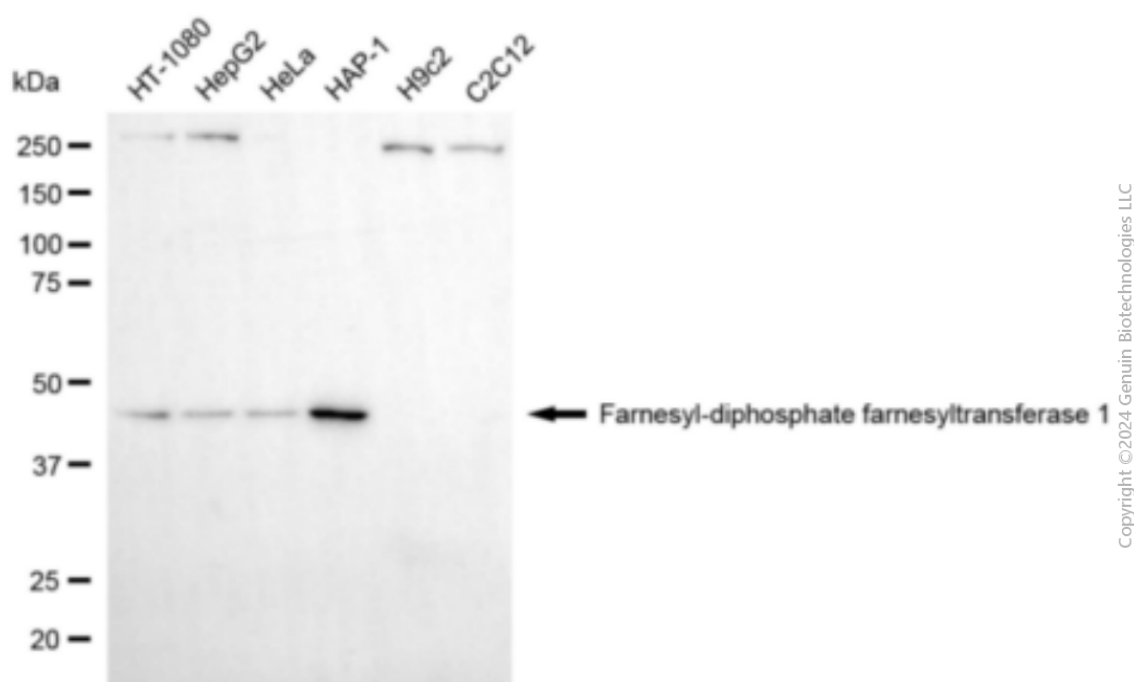
### ORDERS

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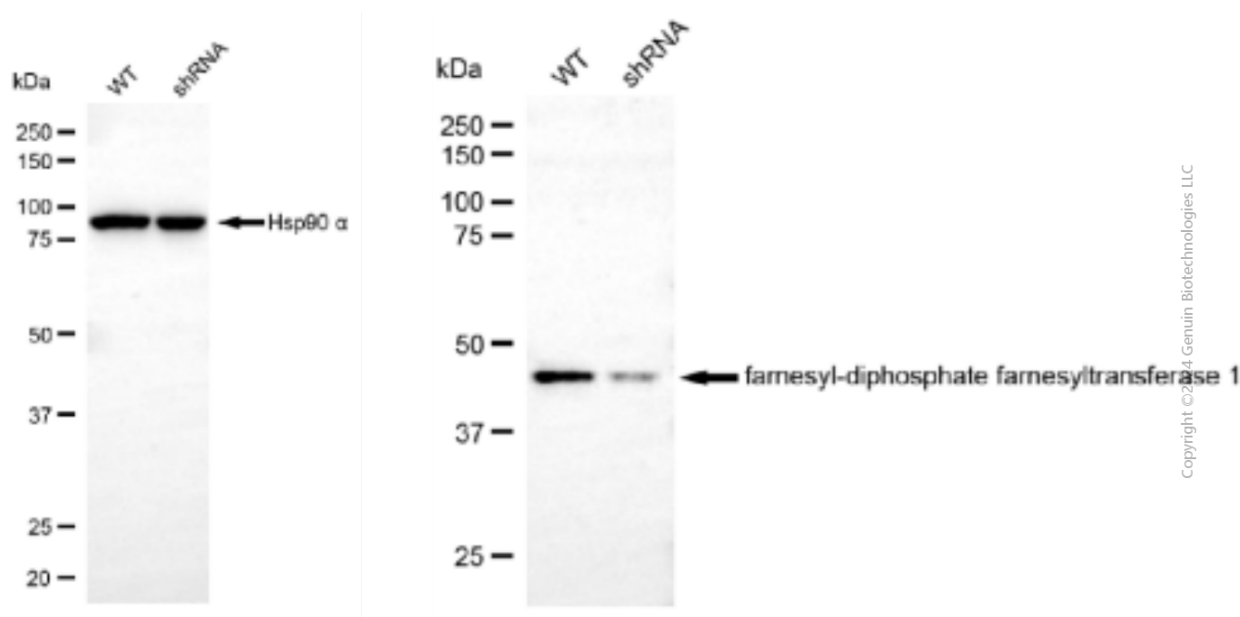
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Immunocytochemical staining of HAP-1 cells with Farnesyl-diphosphate farnesyltransferase 1 antibody (Cat#63442, 1:1,000). Nuclei were stained blue with DAPI; Farnesyl-diphosphate farnesyltransferase 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20  $\mu$ m.



Western blotting analysis using anti-farnesyl-diphosphate farnesyltransferase 1 antibody (Cat#63442). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-farnesyl-diphosphate farnesyltransferase 1 antibody (Cat#63442, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit(Cat#716).



Western blotting analysis using anti-farnesyl-diphosphate farnesyltransferase 1 antibody (Cat#63442). Farnesyl-diphosphate farnesyltransferase 1 expression in wild type (WT) and farnesyl-diphosphate farnesyltransferase 1 (FDFT1) shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-farnesyl-diphosphate farnesyltransferase 1 antibody (Cat#63442, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).