# KD-Validated Anti-FDFT1 Recombinant Rabbit Monoclonal Antibody

# Catalog #: 61366

## Aliases

FDFT1; Farnesyl-Diphosphate Farnesyltransferase 1; SQS; Squalene Synthase; FPP:FPP Farnesyltransferase; EC 2.5.1.21; SS; Farnesyl-Diphosphate Farnesyltransferase; Presqualene-Di-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, 45 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 25GB2370
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human FDFT1

## 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): 1:100-1:1,000

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

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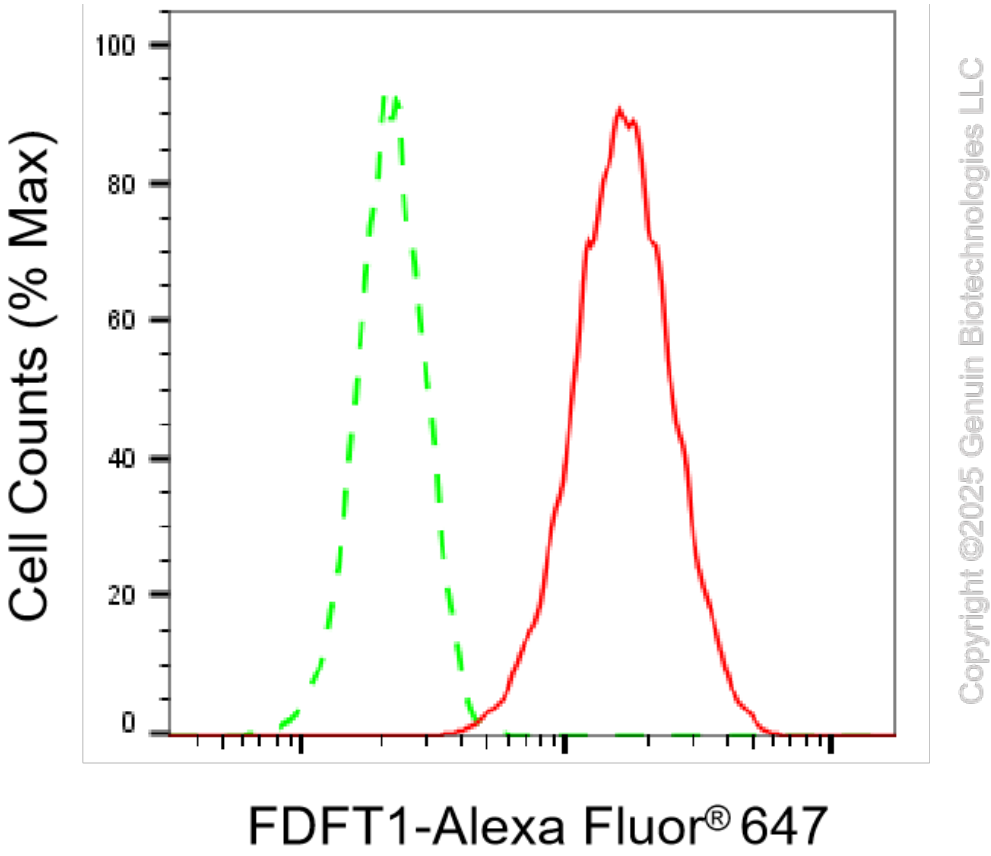
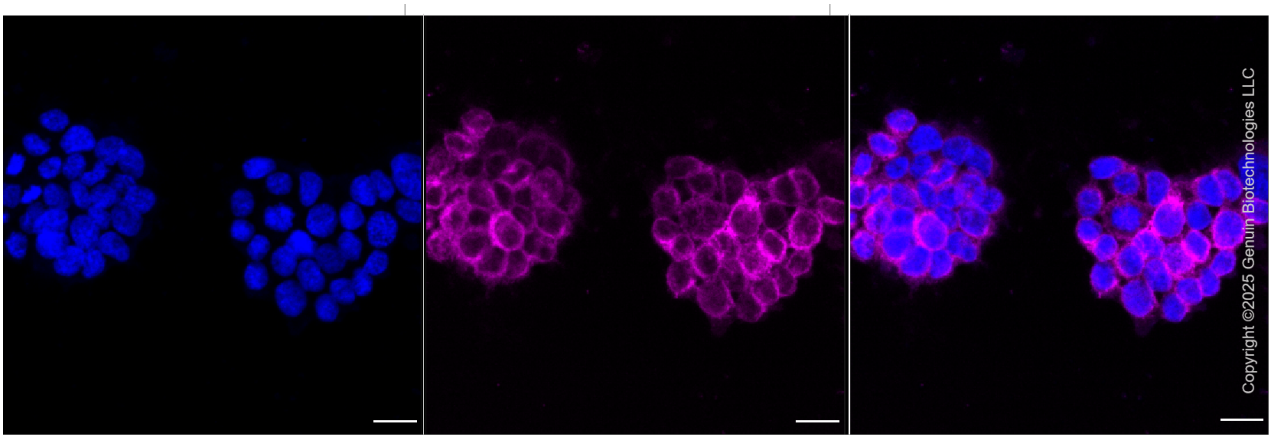
## Validation Data




Flow cytometric analysis of FDFT1 expression in HAP-1 cells using FDFT1 antibody (Cat#61366, 1:2,000). Green, isotype control; red, FDFT1.




Immunocytochemical staining of HAP-1 cells with anti-FDFT1 antibody (Cat#61366, 1:1,000). Nuclei were stained blue with DAPI; FDFT1 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 µm.

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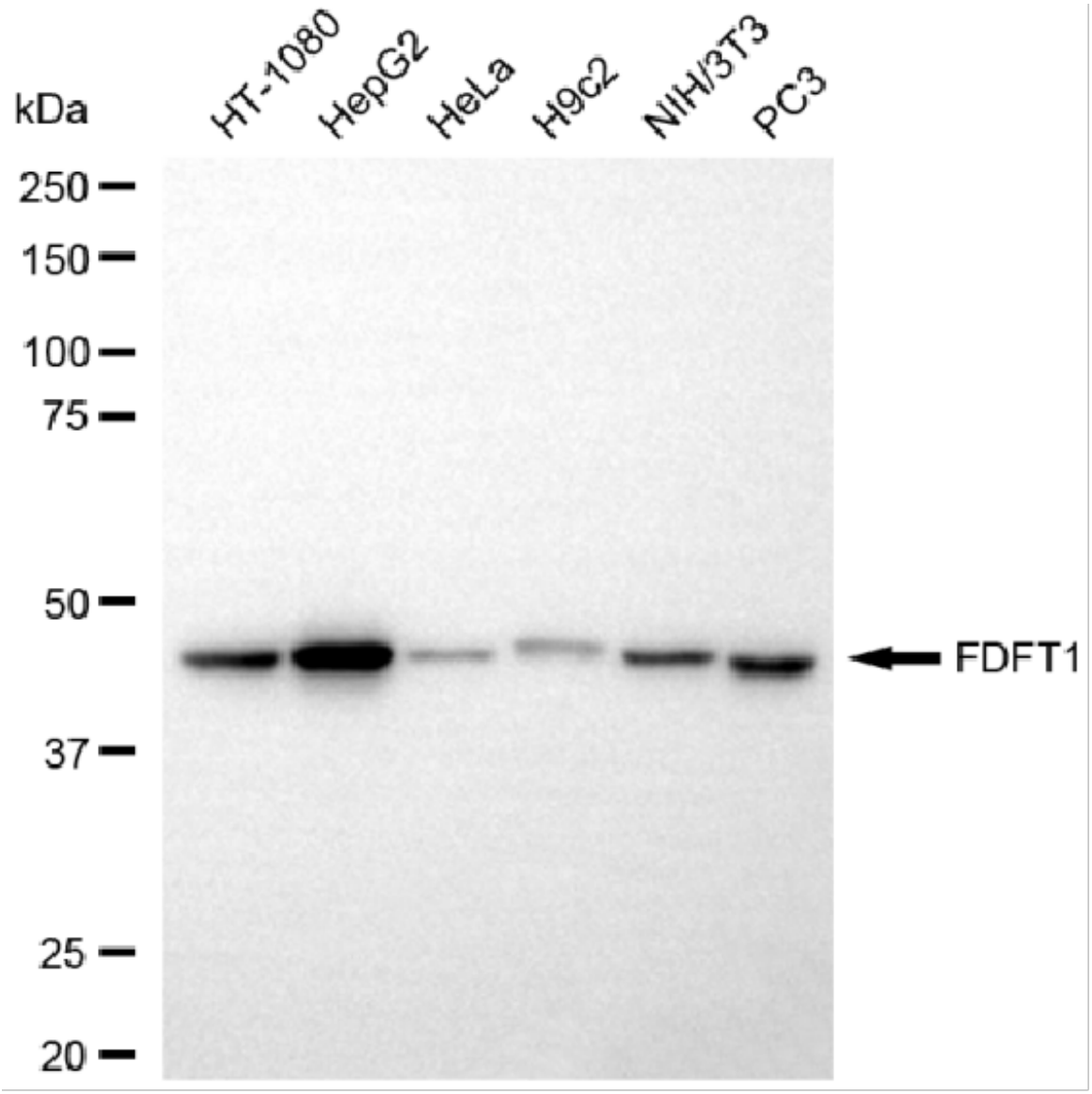




Western blotting analysis using anti-FDFT1 antibody (Cat#61366). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-FDFT1 antibody (Cat#61366, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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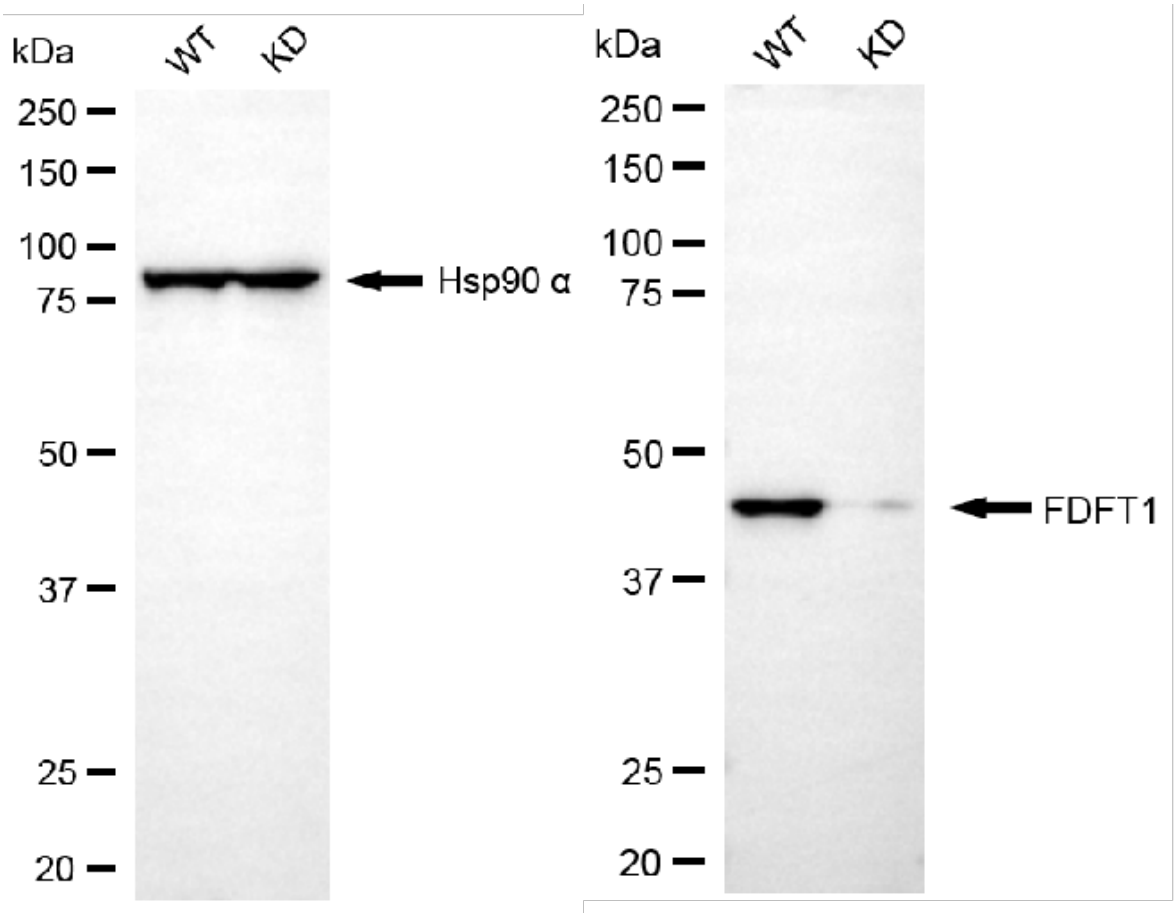


Western blotting analysis using anti-FDFT1 antibody (Cat#61366). FDFT1 expression in wild-type (WT) and FDFT1 knockdown (KD) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-FDFT1 antibody (Cat#61366, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).