

Mouse FDFT1 Monoclonal Antibody | anti-FDFT1 antibody

FDFT1 antibody

CATALOG # AAA74777	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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PRODUCT SYNONYMS

FDFT1; Monoclonal Antibody; FDFT1 antibody; Monoclonal FDFT1; Anti-FDFT1; Farnesyl-Diphosphate Farnesyltransferase 1; DGPT; ERG9; SQS; SS; FDFT 1; FDFT-1; anti-FDFT1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	2F10
Purity/Purification	FDFT1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	417
Applicable Applications for anti-FDFT1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	FDFT1 is a membrane-associated enzyme located at a branch point in the mevalonate pathway. The protein is the first specific enzyme in cholesterol biosynthesis, catalyzing the dimerization of two molecules of farnesyl diphosphate in a two-step reaction to form squalene.
Cross-Reactivity	Human, Monkey
Immunogen	FDFT1 antibody was raised in mouse using a full length recombinant protein of human FDFT1 (NP_004453) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of FDFT1 protein in paraffin embedded Human Kidney tissue using FDFT1 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant FDFT1 protein (Right) or empty vector (Left) detected with FDFT1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-FDFT1 antibody	Mouse monoclonal FDFT1 antibody
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Product Categories/Family for anti-FDFT1 antibody

Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	67089147
NCBI GeneID	2222
NCBI Accession #	NP_004453
NCBI GenBank Nucleotide #	NM_004462.3
UniProt Accession #	P37268; Q96GT0; B3KQ95; B4DJE5; B4DT56; B7Z1J3
Molecular Weight	43,060 Da
NCBI Official Full Name	squalene synthase isoform 1
NCBI Official Synonym Full Names	farnesyl-diphosphate farnesyltransferase 1
NCBI Official Symbol	FDFT1
NCBI Official Synonym Symbols	SS; SQS; DGPT; ERG9
NCBI Protein Information	squalene synthase
UniProt Protein Name	Squalene synthase
UniProt Gene Name	FDFT1
UniProt Synonym Gene Names	SQS; SS
UniProt Entry Name	FDFT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fdft1-antibody-clone-2f10-western-blot-immunohistochemistry-immunofluorescence-elisa/74777>