

Rabbit anti-Human FDFT1 Polyclonal Antibody | anti-FDFT1 antibody

Rabbit anti-FDFT1 Antibody, Affinity Purified

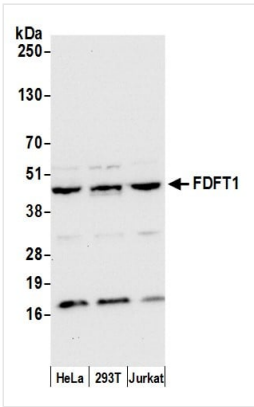
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213232	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

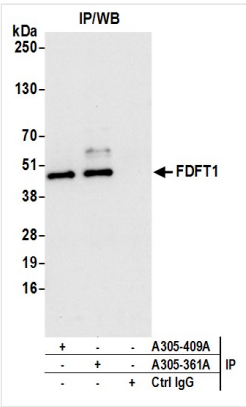
FDFT1; Polyclonal Antibody; Rabbit anti-FDFT1 Antibody; Affinity Purified; Farnesyl-diphosphate farnesyltransferase; SS; squalene synthetase; squalene synthase; SQS; DGPT; FPP:FPP farnesyltransferase; ERG9; presqualene-di-diphosphate synthase; Squalene synthase; farnesyl-diphosphate farnesyltransferase 1; anti-FDFT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-FDFT1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Bovine, Orangutan
Immunogen	Between 367 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human FDFT1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-FDFT1 antibody AAA213232 (lot AAA213232-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)
Detection of human FDFT1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-FDFT1 antibody AAA213232 (lot AAA213232-1) used for IP at 6 ug per reaction. FDFT1 was also immunoprecipitated by rabbit anti-FDFT1 antibody For blotting immunoprecipitated FDFT1, AAA213232 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-FDFT1 antibody	Farnesyl-diphosphate farnesyltransferase 1 (FDFT1) is a membrane-associated enzyme located at a branch point in the mevalonate pathway. FDFT1 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 [taken from NCBI Entrez Gene (Gene ID: 2222)].
Product Categories/Family for anti-FDFT1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	67089147
NCBI GeneID	2222
NCBI Accession #	NP_004453.3
NCBI GenBank Nucleotide #	NM_004462.3
UniProt Accession #	P37268; Q96GT0
Molecular Weight	48,115 Da
NCBI Official Full Name	squalene synthase
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; squalene synthetase; FPP:FPP farnesyltransferase; presqualene-di-diphosphate 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/polyclonal/fdft1-antibody-immunoprecipitation-western-blot-elisa/213232>