

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

DHDDS Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231288	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

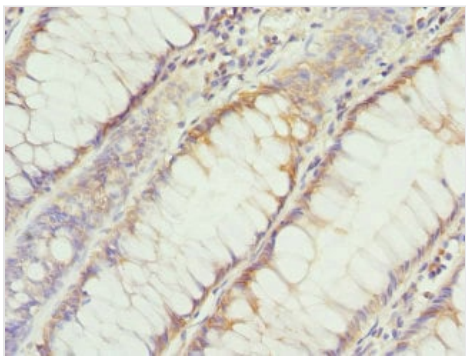
PRODUCT SYNONYMS

DHDDS; Polyclonal Antibody; DHDDS Antibody; Dehydrololichyl diphosphate synthase complex subunit DHDDS Curated; Cis-isoprenyltransferase; CIT; Cis-IPTase; Epididymis tissue protein Li 189m; HDS; anti-DHDDS antibody

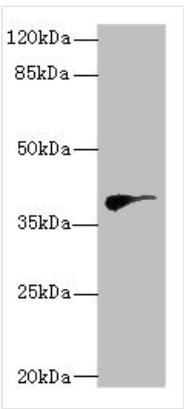
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	299
Applicable Applications for anti-DHDDS antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Dehydrololichyl diphosphate synthase complex subunit DHDDS protein (1-333AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-242574
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human rectal cancer using AAA231288 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: DHDDSantibody at 2.97ug/ml+ Hela whole cell lysateGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 39,35 kDaObserved band size: 39 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-DHDDS antibody	With DHDDS, forms the dehydrodolichyl diphosphate synthase (DDS) complex, an essential component of the dolichol monophosphate (Dol-P) biosynthetic machinery. Adds multiple copies of isopentenyl pyrophosphate (IPP) to farnesyl pyrophosphate (FPP) to produce dehydrodolichyl diphosphate (Dedol-PP), a precursor of dolichol which is utilized as a sugar carrier in protein glycosylation in the endoplasmic reticulum (ER). Regulates the glycosylation and stability of nascent NPC2, thereby promoting trafficking of LDL-derived cholesterol.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	343790878
NCBI GeneID	79947
NCBI Accession #	NP_001230493.1
NCBI GenBank Nucleotide #	NM_001243564.1
UniProt Accession #	Q86SQ9; Q5T0A4; Q8NE90; Q9BTG5; Q9BTK3; Q9H905; B7Z4B9; B7ZB20; D3DPK7; D3DPK8; D3DPK9; E9KL43
Molecular Weight	34,817 Da
NCBI Official Full Name	dehydrodolichyl diphosphate synthase complex subunit DHDDS isoform 3
NCBI Official Synonym Full Names	dehydrodolichyl diphosphate synthase subunit
NCBI Official Symbol	DHDDS
NCBI Official Synonym Symbols	DS; CIT; CPT; HDS; RP59
NCBI Protein Information	dehydrodolichyl diphosphate synthase complex subunit DHDDS
UniProt Protein Name	Dehydrodolichyl diphosphate synthase complex subunit DHDDS
UniProt Gene Name	DHDDS
UniProt Synonym Gene Names	HDS; CIT; Cis-IPTase
UniProt Entry Name	DHDDS_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.