

Rabbit anti-Human ELOVL1 Polyclonal Antibody | anti-ELOVL1 antibody

ELOVL1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118569	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

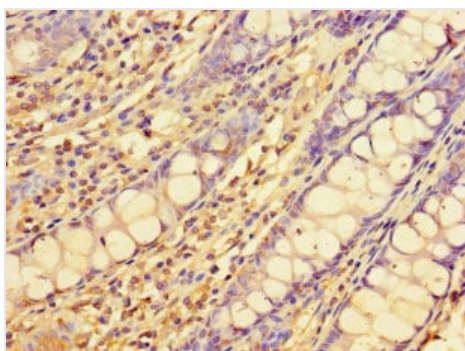
PRODUCT SYNONYMS

ELOVL1; Polyclonal Antibody; ELOVL1 Antibody; Elongation of very long chain fatty acids protein 1Curated (EC:2.3.1.1992 Publications; SSC1; CGI-88; 3-keto acyl-CoA synthase ELOVL1; ELOVL fatty acid elongase 1; ELOVL FA elongase 1; Very-long-chain 3-oxoacyl-CoA synthase 1; anti-ELOVL1 antibody

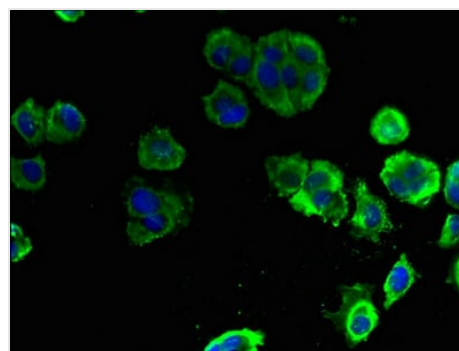
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G Purified
Sequence Length	279
Applicable Applications for anti-ELOVL1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Elongation of very long chain fatty acids protein 1 protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-54870 / sc-135058
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 rectum tissue using AAA118569 at dilution of 1:100


IF (Immunofluorescence)

Immunofluorescent analysis of MCF-7 cells using AAA118569 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

ADDITIONAL INFORMATION

Related Product Information for anti-ELOVL1 antibody	Catalyzes the first and rate-limiting reaction of the four that constitute the long-chain fatty acids elongation cycle. This endoplasmic reticulum-bound enzymatic process, allows the addition of 2 carbons to the chain of long- and very long-chain fatty acids/VLCFAs per cycle. Condensing enzyme that exhibits activity toward saturated C18 to C26 acyl-CoA substrates, with the highest activity towards C22:0 acyl-CoA. May participate to the production of both saturated and monounsaturated VLCFAs of different chain lengths that are involved in multiple biological processes as precursors of membrane lipids and lipid mediators. Important for saturated C24:0 and monounsaturated C24:1 sphingolipid synthesis. Indirectly inhibits RPE65 via production of VLCFAs.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	373938448
NCBI GeneID	64834
NCBI Accession #	NP_001243328.1
NCBI GenBank Nucleotide #	NM_001256399.1
UniProt Accession #	Q9BW60; Q53HT2; Q5JUY3; Q8WXU3; Q9NVD9; Q9Y396; B4DP24
Molecular Weight	29,485 Da
NCBI Official Full Name	elongation of very long chain fatty acids protein 1 isoform 1
NCBI Official Synonym Full Names	ELOVL fatty acid elongase 1
NCBI Official Symbol	ELOVL1
NCBI Official Synonym Symbols	Ssc1; CGI-88
NCBI Protein Information	elongation of very long chain fatty acids protein 1
UniProt Protein Name	Elongation of very long chain fatty acids protein 1
UniProt Gene Name	ELOVL1
UniProt Synonym Gene Names	ELOVL FA elongase 1
UniProt Entry Name	ELOV1_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/elovl1-antibody-immunofluorescence-immunohistochemistry-elisa/118569>