

Rabbit anti-Human ELOVL2 Polyclonal Antibody | anti-ELOVL2 antibody

ELOVL2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230130	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

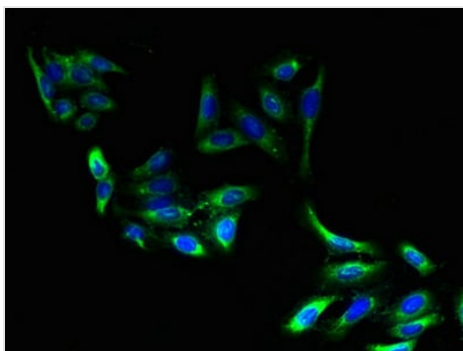
PRODUCT SYNONYMS

ELOVL2; Polyclonal Antibody; ELOVL2 Antibody; Elongation of very long chain fatty acids protein 2; 3-keto acyl-CoA synthase ELOVL2; ELOVL fatty acid elongase 2; ELOVL FA elongase 2; Very-long-chain 3-oxoacyl-CoA synthase 2; SSC2; anti-ELOVL2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	296
Applicable Applications for anti-ELOVL2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Elongation of very long chain fatty acids protein 2 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-54872 / sc-54874
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA230130 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using AAA230130 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-ELOVL2 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. Acts specifically toward polyunsaturated acyl-CoA with the higher activity toward C20:4(n-6) acyl-CoA. Condensing enzyme that catalyzes the synthesis of polyunsaturated very long chain fatty acid (C20- and C22-PUFA). May participate to the production of polyunsaturated VLCFAs of different chain lengths that are involved in multiple biological processes as precursors of membrane lipids and lipid mediators.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157388945
NCBI GeneID	54898
NCBI Accession #	NP_060240.3
NCBI GenBank Nucleotide #	NM_017770.3
UniProt Accession #	Q9NXB9; Q6P9E1; Q86W94
Molecular Weight	34,585 Da
NCBI Official Full Name	elongation of very long chain fatty acids protein 2
NCBI Official Synonym Full Names	ELOVL fatty acid elongase 2
NCBI Official Symbol	ELOVL2
NCBI Official Synonym Symbols	SSC2
NCBI Protein Information	elongation of very long chain fatty acids protein 2
UniProt Protein Name	Elongation of very long chain fatty acids protein 2
UniProt Gene Name	ELOVL2
UniProt Synonym Gene Names	ELOVL FA elongase 2
UniProt Entry Name	ELOV2_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.