

Rabbit anti-Human, Rat ELOVL4 Polyclonal Antibody | anti-ELOVL4 antibody

ELOVL4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233076	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

ELOVL4; Polyclonal Antibody; ELOVL4 Antibody; Elongation of very long chain fatty acids protein 4; 3-keto acyl-CoA synthase ELOVL4; anti-ELOVL4 antibody

PRODUCT SPECIFICATIONS

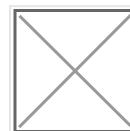
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	314
Applicable Applications for anti-ELOVL4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Elongation of very long chain fatty acids protein 4 protein (270-314AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-49192 / sc-49193 / sc-67215
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



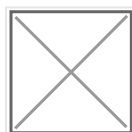
IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA233076 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



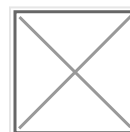
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human small intestine tissue using AAA233076 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA233076 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in: HepG2 whole cell lysate,Rat heart tissue,Rat liver tissueAll lanes: ELOVL4 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 37 KDaObserved band size: 37 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-ELOVL4 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 specifically elongates C24: 0 and C26: 0 acyl-CoAs. May participate to the production of saturated and monounsaturated VLCFAs of different chain lengths that are involved in multiple biological processes as precursors of membrane lipids and lipid mediators. May play a critical role in early brain and skin development.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12232379
NCBI GeneID	6785
NCBI Accession #	NP_073563.1
NCBI GenBank Nucleotide #	NM_022726.3
UniProt Accession #	Q9GZR5; Q5TCS2; Q86YJ1; Q9H139; B2R6B5
Molecular Weight	36,829 Da
NCBI Official Full Name	elongation of very long chain fatty acids protein 4
NCBI Official Synonym Full Names	ELOVL fatty acid elongase 4
NCBI Official Symbol	ELOVL4
NCBI Official Synonym Symbols	ADMD; CT118; ISQMR; SCA34; STGD2; STGD3
NCBI Protein Information	elongation of very long chain fatty acids protein 4
UniProt Protein Name	Elongation of very long chain fatty acids protein 4
UniProt Gene Name	ELOVL4
UniProt Synonym Gene Names	ELOVL FA elongase 4
UniProt Entry Name	ELOV4_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/elovl4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233076>