

Rabbit ELOVL1 Polyclonal Antibody | anti-ELOVL1 antibody

ELOVL1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75862	Rabbit	Human, Monkey	Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA

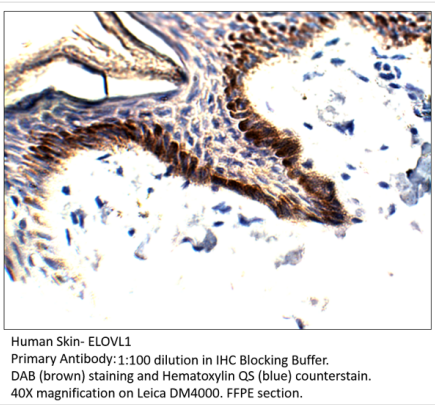
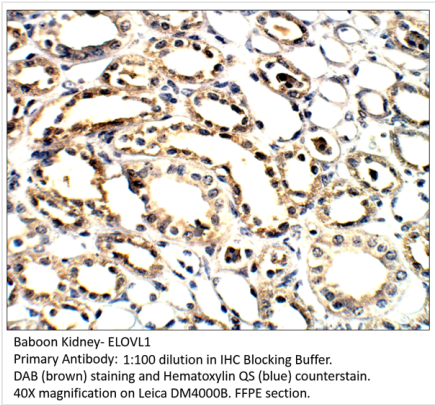
PRODUCT SYNONYMS

ELOVL1; Polyclonal Antibody; ELOVL1 Antibody; 3 keto acyl CoA synthase ELOVL1; CGI 88; Elongation of very long chain fatty acids (FEN1/Elo2 SUR4/Elo3 yeast) like 1; Elongation of very long chain fatty acids protein 1; ELOVL 1; ELOVL FA elongase 1; ELOVL fatty acid elongase 1; Ssc1; Very-long-chain 3-oxoacyl-CoA synthase 1 antibody; anti-ELOVL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.5 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	198
Applicable Applications for anti-ELOVL1 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide taken within amino acid region 148-198 on human Elongation of very long chain fatty acids protein 1.
Immunoglobulin	IgG
Expression	Ubiquitous
Molecular Function	Transferase; Fatty acid biosynthesis & metabolism; Lipid biosynthesis & metabolism
Structure	The di-lysine motif may confer endoplasmic reticulum localization.
Subcellular Location	Endoplasmic Reticulum membrane; Multi-pass membrane protein
Preparation and Storage	-20• degree C for long term storage

IMAGES



IHC (Immunohistochemistry) IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-ELOVL1 antibody	Affinity Purified Elongation of very long chain fatty acids protein 1 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.
Product Categories/Family for anti-ELOVL1 antibody	Primary Antibodies; Cell Biology; Lipids; ELOVL1 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	373938452
NCBI GeneID	64834
NCBI Accession #	NP_001243331
NCBI GenBank Nucleotide #	NM_001256402.1
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 3
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/elovl1-antibody-western-blot-immunoprecipitation-immunohistochemistry-elisa/75862>