

Rabbit ELOVL2 Polyclonal Antibody | anti-ELOVL2 antibody

ELOVL2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284860	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

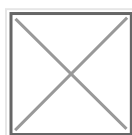
PRODUCT SYNONYMS

ELOVL2; Polyclonal Antibody; ELOVL2 Antibody (N-term); 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

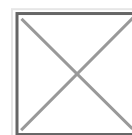
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ELOVL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-27 amino acids from the N-terminal region of human ELOVL2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-27
Sequence Length	296
Applicable Applications for anti-ELOVL2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

ELOVL2 Antibody (N-term) flow cytometric analysis of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human testis tissue reacted with ELOVL2 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of ELOVL2 Antibody (N-term) in HepG2 cell line lysates (35ug/lane).
ELOVL2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ELOVL2 antibody	ELOVL2 could be implicated in tissue-specific synthesis of very long chain fatty acids and sphingolipids. This protein may catalyze one or both of the reduction reaction in fatty acid elongation, i.e., conversion of beta-ketoacyl CoA to beta-hydroxyacyl CoA or reduction of trans-2-enoyl CoA to the saturated acyl CoA derivative (By similarity).
Product Categories/Family for anti-ELOVL2 antibody	Cardiovascular; Metabolism; Signal transduction
References	Illig,T., et.al., Nat. Genet. 42 (2), 137-141 (2010) Tanaka,T., et.al., PLoS Genet. 5 (1), E1000338 (2009)

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	34585
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	SSC2; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/elovl2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284860>