

Rabbit ELOVL1 Polyclonal Antibody | anti-ELOVL1 antibody

Anti-ELOVL1 Antibody (Internal)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162400	Rabbit	HumanPredicted: Mouse, Rat, Monkey	Western Blot, Immunohistochemistry

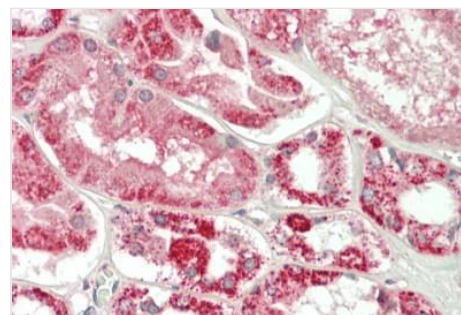
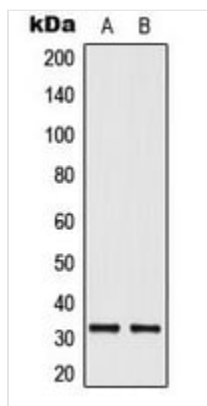
PRODUCT SYNONYMS

ELOVL1; Polyclonal Antibody; Anti-ELOVL1 Antibody (Internal); Rabbit Polyclonal to Human ELOVL1; ELOVL FA elongase 1; ELOVL fatty acid elongase 1; Ssc1; CGI-88; anti-ELOVL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted: Mouse, Rat, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of ELOVL1 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, pH 7.3, 0.01% sodium azide, 30% glycerol.
Sequence Length	279
Applicable Applications for anti-ELOVL1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the central region of human ELOVL1.
Conjugation	Unconjugated
Epitope	Internal
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)

WB (Western Blot)
Western blot analysis of ELOVL1 expression in HeLa (A); HepG2 (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-ELOVL1 antibody	Condensing enzyme that catalyzes the synthesis of both saturated and monounsaturated very long chain fatty acids (VLCFAs). Exhibits activity toward saturated C18 to C26 acyl-CoA substrates, with the highest activity towards C22:0 acyl-CoA. 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 #	13489093
NCBI GeneID	64834
NCBI Accession #	NP_073732.1
NCBI GenBank Nucleotide #	NM_022821.3
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

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://www.aaabiotech.com/polyclonal/elovl1-antibody-western-blot-immunohistochemistry-elisa/162400>