

Rabbit ELOVL1 Polyclonal Antibody | anti-ELOVL1 antibody

ELOVL1 Polyclonal Antibody

CATALOG # AAA169104	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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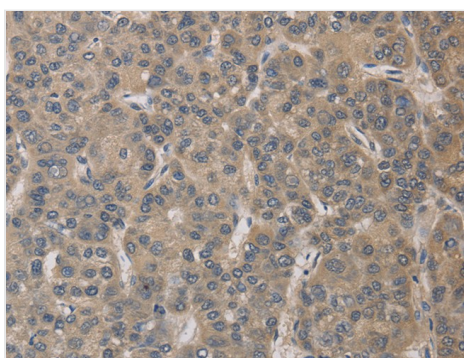
PRODUCT SYNONYMS

ELOVL1; Polyclonal Antibody; ELOVL1 Polyclonal Antibody; Ssc1; CGI-88; anti-ELOVL1 antibody

PRODUCT SPECIFICATIONS

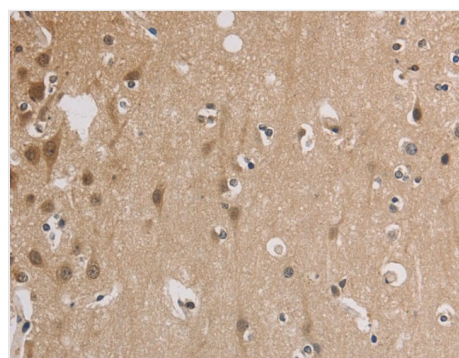
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.4mg/mL (varies by lot)
Sequence Length	198
Applicable Applications for anti-ELOVL1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human ELOVL1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using ELOVL1 Polyclonal Antibody at dilution 1:30



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using ELOVL1 Polyclonal Antibody at dilution 1:30

ADDITIONAL INFORMATION

Related Product Information for anti-ELOVL1 antibody	Elongation of very long chain fatty acid-like (ELOVL) proteins 1-6 are members of the ELO family of proteins, which play an important role in tissue-specific biosynthesis of very long chain fatty acids and sphingolipids. The ELOVL proteins act as catalysts in fatty acid elongation reduction and localize to the endoplasmic reticulum (ER). Elongation of very long chain fatty acids protein 1 (ELOVL1), also referred to as Ssc1, is the human homolog of the yeast ELO3 protein. It is expressed in a variety of tissues and at especially high levels in stomach, skin, intestine, kidney and lung. ELOVL1 participates in the elongation of very long chain saturated and monounsaturated fatty acids of up to 26 carbons and may be required for the development of a barrier in epithelial cells and skin. ELOVL1 is also important for the formation of Myelin in the central nervous system. Impaired ELOVL1 activity may be associated with disorders of sphingolipid metabolism.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	373938452
NCBI GeneID	64834
NCBI Accession #	NP_001243331.1
NCBI GenBank Nucleotide #	NM_001256402.1
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; 3-keto acyl-CoA synthase ELOVL1; ELOVL FA elongase 1; elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 1; very-long-chain 3-oxoacyl-CoA synthase 1
UniProt Protein Name	Elongation of very long chain fatty acids protein 1
UniProt Gene Name	ELOVL1
UniProt Synonym Gene Names	SSC1; 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/elovl1-antibody-immunohistochemistry-elisa/169104>