

Rabbit anti-Human, Mouse ELOVL7 Polyclonal Antibody | anti-ELOVL7 antibody

ELOVL7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301523	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

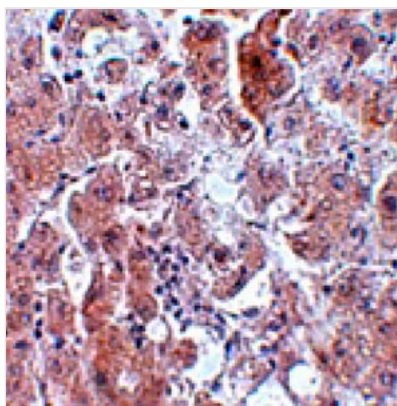
PRODUCT SYNONYMS

ELOVL7; Polyclonal Antibody; ELOVL7 Antibody; Elongation of very long chain fatty acids protein 7; anti-ELOVL7 antibody

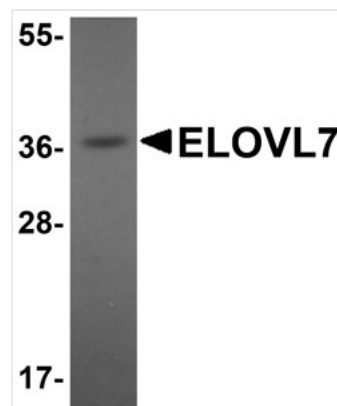
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	281
Applicable Applications for anti-ELOVL7 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 15 amino acid peptide near the amino terminus of human ELOVL7.
Target Name	ELOVL7
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of ELOVL7 in human liver tissue with ELOVL7 antibody at 5 ug/mL.


WB (Western Blot)

Western blot analysis of ELOVL7 in human liver tissue lysate with ELOVL7 antibody at 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ELOVL7 antibody	Lipogenesis is a key event in the energy storage system and is controlled by the transcription factor sterol regulatory element-binding protein (SREBP)-1. Elongation of very long chain fatty acids protein 7 (ELOVL7) is a member of fatty acyl-CoA elongase gene family that elongates saturated very-long-chain fatty acids (SVLFA, C20:0-) and has been suggested to be involved in prostate cancer growth through saturated long-chain fatty acid metabolism. The metabolic pathways of long-chain fatty acids play an important role in the maintenance of membrane lipid composition and the generation of cell signaling precursor molecules such as eicosanoids and sphingosine-1 phosphate. Overexpression of ELOVL7 results in lipid accumulation in differentiated adipocytes; its expression is regulated by the microRNA miR-219.
Product Categories/Family for anti-ELOVL7 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	157388949
NCBI GeneID	79993
NCBI Accession #	NP_001098028
NCBI GenBank Nucleotide #	NM_001104558.1
Molecular Weight	33,356 Da
NCBI Official Full Name	elongation of very long chain fatty acids protein 7 isoform 1
NCBI Official Synonym Full Names	ELOVL fatty acid elongase 7
NCBI Official Symbol	ELOVL7
NCBI Protein Information	elongation of very long chain fatty acids protein 7
UniProt Protein Name	Elongation of very long chain fatty acids protein 7
UniProt Gene Name	ELOVL7
UniProt Synonym Gene Names	ELOVL FA elongase 7
UniProt Entry Name	ELOV7_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/elovl7-antibody-immunohistochemistry-western-blot-elisa/301523>