

Rabbit ELOVL6 Polyclonal Antibody | anti-ELOVL6 antibody

ELOVL6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302995	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

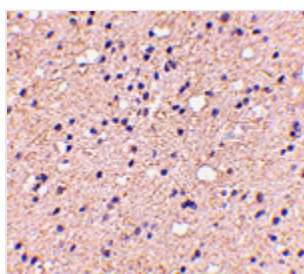
PRODUCT SYNONYMS

ELOVL6; Polyclonal Antibody; ELOVL6 Antibody; Elongation of very long chain fatty acids protein 6; hELO2; Fatty acyl-CoA elongase; FACE; Long-chain fatty-acyl elongase; LCE; anti-ELOVL6 antibody

PRODUCT SPECIFICATIONS

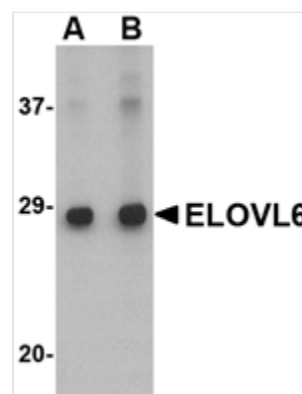
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	265
Applicable Applications for anti-ELOVL6 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide near the amino terminus of the human ELOVL6.
Target Name	ELOVL6
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 ELOVL6 in human brain with ELOVL6 antibody at 5 ug/mL.



WB (Western Blot)

Western blot analysis of ELOVL6 in Human brain tissue lysate with ELOVL6 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ELOVL6 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 6 (ELOVL6) is a member of fatty acyl-CoA elongase gene family that converts palmitic to stearic acid and it has been shown to be a target of SREBP-1, playing an important role in de novo synthesis of long-chain saturated and monosaturated fatty acids in conjunction with fatty acid synthase and stearoyl-CoA desaturase ELOVL6 was predicted to be important for tissue fatty acid composition. Recent studies suggest that inhibition of this elongase could be a new therapeutic approach for ameliorating insulin resistance, diabetes and cardiovascular risks, even in the presence of a continuing state of obesity.
Product Categories/Family for anti-ELOVL6 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	13129088
NCBI GeneID	79071
NCBI Accession #	NP_076995
NCBI GenBank Nucleotide #	NM_024090.2
Molecular Weight	31,376 Da
NCBI Official Full Name	elongation of very long chain fatty acids protein 6
NCBI Official Synonym Full Names	ELOVL fatty acid elongase 6
NCBI Official Symbol	ELOVL6
NCBI Official Synonym Symbols	FAE; LCE; FACE
NCBI Protein Information	elongation of very long chain fatty acids protein 6
UniProt Protein Name	Elongation of very long chain fatty acids protein 6
UniProt Gene Name	ELOVL6
UniProt Synonym Gene Names	FACE; LCE; ELOVL FA elongase 6; hELO2
UniProt Entry Name	ELOV6_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/elovl6-antibody-immunohistochemistry-western-blot-elisa/302995>