

Rabbit ELOVL6 Polyclonal Antibody | anti-ELOVL6 antibody

ELOVL6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324710	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

ELOVL6; Polyclonal Antibody; ELOVL6 Antibody; 3-keto acyl-CoA synthase ELOVL6; Elongation of very long chain fatty acids protein 6; ELOV6_HUMAN; ELOVL family member 6; elongation of long chain fatty acids (FEN1/Elo2; SUR4/Elo3 like; yeast); ELOVL fatty acid elongase 6; FACE; FAE; Fatty acid elongase 2; Fatty acyl CoA elongase; Fatty acyl-CoA elongase; FLJ23378; hELO2; LCE; Long chain fatty acyl elongase; Long-chain fatty-acyl elongase; MGC5487; Myelin associated SUR4 protein; anti-ELOVL6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ELOVL6 antibody detects endogenous levels of total ELOVL6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	265
Applicable Applications for anti-ELOVL6 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Endoplasmic Reticulum Membrane.
Tissue Specificity	Ubiquitous.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (91%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324710 staining 293 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from 293 using ELOVL6 antibody.



WB (Western Blot)

Western blot analysis of extracts from 293 using ELOVL6 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ELOVL6 antibody

Function: Catalyzes the first and rate-limiting reaction of the four that constitute the long-chain fatty acids elongation cycle. This endoplasmic reticulum-bound enzymatic process, allows the addition of 2 carbons to the chain of long- and very long-chain fatty acids/VLCFAs per cycle. Condensing enzyme that elongates fatty acids with 12, 14 and 16 carbons with higher activity toward C16:0 acyl-CoAs. Catalyzes the synthesis of unsaturated C16 long chain fatty acids and, to a lesser extent, C18:0 and those with low desaturation degree. May participate in the production of saturated and monounsaturated VLCFAs of different chain lengths that are involved in multiple biological processes as precursors of membrane lipids and lipid mediators.

Post-translational Modifications: N-Glycosylated.

Similarity: Belongs to the ELO family. ELOVL6 subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	195539343
NCBI GeneID	79071
NCBI Accession #	NP_001124193.1
NCBI GenBank Nucleotide #	NM_001130721.1
UniProt Accession #	Q9H5J4; Q4W5L0; Q8NCD1
Molecular Weight	Observed: 35 kD Predicted: 32 kDa
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/elovl6-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324710>