

Rabbit ELOVL6 Polyclonal Antibody | anti-ELOVL6 antibody

ELOVL6 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289390	Rabbit	Human, mouse (Predicted Reactivity: Chicken, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

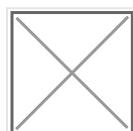
PRODUCT SYNONYMS

ELOVL6; Polyclonal Antibody; ELOVL6 Antibody (N-term); Elongation of very long chain fatty acids protein 6; 3-keto acyl-CoA synthase ELOVL6; ELOVL fatty acid elongase 6; ELOVL FA elongase 6; Fatty acid elongase 2; hELO2; Fatty acyl-CoA elongase; Long-chain fatty-acyl elongase; Very-long-chain 3-oxoacyl-CoA synthase 6; FACE; LCE; anti-ELOVL6 antibody

PRODUCT SPECIFICATIONS

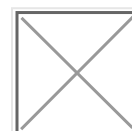
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Chicken, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ELOVL6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 32-58 amino acids from the N-terminal region of human ELOVL6.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	32-58
Sequence Length	265
Applicable Applications for anti-ELOVL6 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

ELOVL6 Antibody (N-term) flow cytometry analysis of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with ELOVL6 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of ELOVL6 antibody (N-term) in mouse liver tissue lysates (35ug/lane).
ELOVL6 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ELOVL6 antibody	Fatty acid elongases (EC 6.2.1.3), such as ELOVL6, use malonyl-CoA as a 2-carbon donor in the first and rate-limiting step of fatty acid elongation.
Product Categories/Family for anti-ELOVL6 antibody	Cardiovascular; Metabolism
References	Lu,Y., J. Lipid Res. 49 (12), 2582-2589 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	195539343
NCBI GeneID	79071
NCBI Accession #	NP_001124193.1; NP_076995.1
NCBI GenBank Nucleotide #	NM_001130721.1
UniProt Accession #	Q9H5J4; Q4W5L0; Q8NCD1
Molecular Weight	31376
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://stage.aaabiotech.com/polyclonal/elovl6-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289390>