

Rabbit ELOVL5 Polyclonal Antibody | anti-ELOVL5 antibody

ELOVL5 Antibody (C-term)

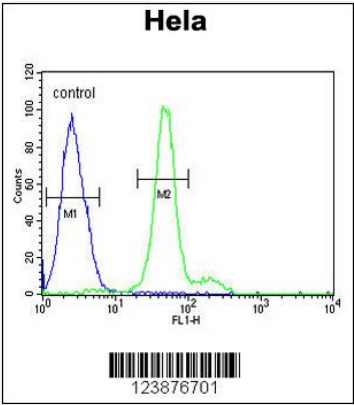
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285495	Rabbit	Human (Predicted Reactivity: Monkey)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

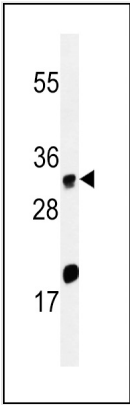
ELOVL5; Polyclonal Antibody; ELOVL5 Antibody (C-term); Elongation of very long chain fatty acids protein 5; 3-keto acyl-CoA synthase ELOVL5; ELOVL fatty acid elongase 5; ELOVL FA elongase 5; Fatty acid elongase 1; hELO1; Very-long-chain 3-oxoacyl-CoA synthase 5; ELOVL2; anti-ELOVL5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ELOVL5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 271-299 amino acids from the C-terminal region of human ELOVL5.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	271-299
Sequence Length	88
Applicable Applications for anti-ELOVL5 antibody	FCM/FACS (Flow Cytometry), 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.



FCM/FACS (Flow Cytometry)
ELOVL5 Antibody (C-term) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of ELOVL5 Antibody (C-term) in Hela cell line lysates (35ug/lane). ELOVL5 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ELOVL5 antibody	ELOVL5 plays a role in elongation of long-chain polyunsaturated fatty acids.
Product Categories/Family for anti-ELOVL5 antibody	Cardiovascular ; Metabolism ; Signal transduction
References	Lu, Y., et al. J. Lipid Res. 49(12):2582-2589(2008) Olsen, J.V., et al. Cell 127(3):635-648(2006) Barragan, I., et al. Int. J. Mol. Med. 16(6):1163-1167(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	338827646
NCBI GeneID	60481
NCBI Accession #	NP_001229757.1; NP_001229759.1; NP_001229760.1; NP_068586.1
NCBI GenBank Nucleotide #	NM_001242828.1
UniProt Accession #	Q9NYP7; Q59EL3; Q5TGH5; Q6NXE7; Q7L2S5; Q8NCG4; Q9UI22; B4DZJ2; F6SH78
Molecular Weight	35293
NCBI Official Full Name	elongation of very long chain fatty acids protein 5 isoform 2
NCBI Official Synonym Full Names	ELOVL fatty acid elongase 5
NCBI Official Symbol	ELOVL5
NCBI Official Synonym Symbols	HELO1; SCA38; dJ483K16.1
NCBI Protein Information	elongation of very long chain fatty acids protein 5
UniProt Protein Name	Elongation of very long chain fatty acids protein 5
UniProt Gene Name	ELOVL5
UniProt Synonym Gene Names	ELOVL2; ELOVL FA elongase 5; hELO1
UniProt Entry Name	ELOV5_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/elovl5-antibody-flow-cytometry-western-blot-elisa/285495>