

Rabbit ELOVL5 Polyclonal Antibody | anti-ELOVL5 antibody

ELOVL5 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200021	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot

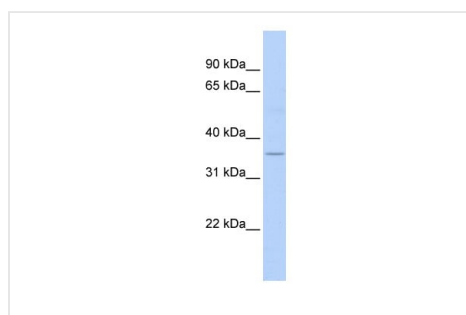
PRODUCT SYNONYMS

ELOVL5; Polyclonal Antibody; ELOVL5 antibody - N-terminal region; anti-ELOVL5 antibody

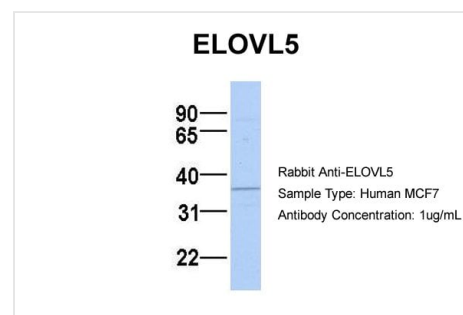
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: EH FDASLSTYFK ALLGPRDTRV KGWFLLDNYI PTFICSVIYL LIVWLGPK
Sequence Length	299
Applicable Applications for anti-ELOVL5 antibody	WB (Western Blot)
Homology	Cow: 92%; Dog: 93%; Goat: 92%; Guinea Pig: 85%; Horse: 79%; Human: 100%; Mouse: 100%; Pig: 92%; Rabbit: 100%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ELOVL5
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

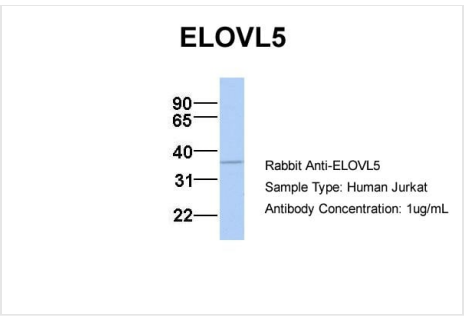


WB (Western Blot)

WB Suggested Anti-ELOVL5 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Human heart


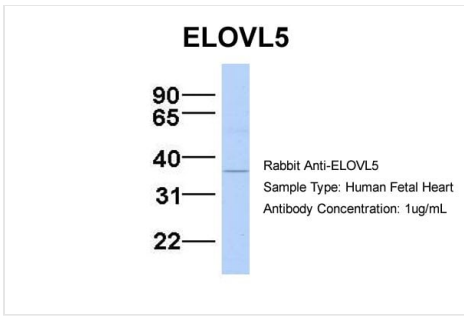
WB (Western Blot)

Host: Rabbit
Target Name: ELOVL5
Sample Type: MCF7
Antibody Dilution: 1.0ug/ml
There is BioGPS gene expression data showing that ELOVL5 is expressed in MCF7



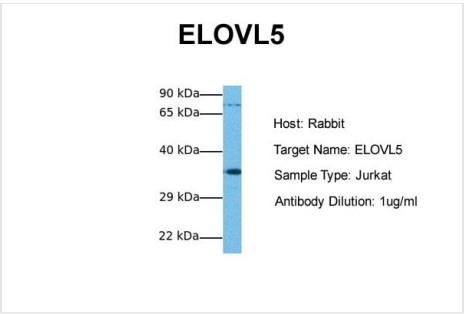
WB (Western Blot)

Host: RabbitTarget Name: ELOVL5Sample Type: JurkatAntibody Dilution: 1.0ug/mlELOVL5 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



WB (Western Blot)

Host: RabbitTarget Name: ELOVL5Sample Type: Human Fetal HeartAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: ELOVL5Sample Tissue: Human JurkatAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ELOVL5 antibody	This is a rabbit polyclonal antibody against ELOVL5. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ELOVL5 plays a role in elongation of long-chain polyunsaturated fatty acids.ELOVL5 plays a role in elongation of long-chain polyunsaturated fatty acids (Leonard et al., 2000 [PubMed 10970790]).[supplied by OMIM]. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-3003 AF338241.1 9-3011
Product Categories/Family for anti-ELOVL5 antibody	Polyclonal; Membrane Protein; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	11464975
NCBI GeneID	60481
NCBI Accession #	NP_068586
NCBI GenBank Nucleotide #	NM_021814
UniProt Accession #	Q9NYP7
Molecular Weight	35kDa
NCBI Official Full Name	elongation of very long chain fatty acids protein 5 isoform 1
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://stage.aaabiotech.com/polyclonal/elovl5-antibody-western-blot-elisa/200021>