

Rabbit HELO1 / ELOVL5 Polyclonal Antibody | anti-HELO1 antibody

Rabbit Polyclonal to Human HELO1 / ELOVL5

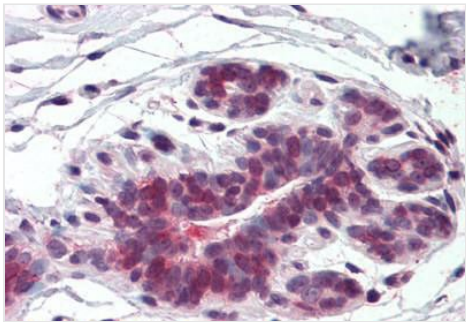
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52297	Rabbit	Gibbon, Gorilla, Human, Orangutan, Rabbit Predicted Reactivity: Monkey, Mouse, Dog (at least 90% immunogen sequence identity)	Immunohistochemistry

PRODUCT SYNONYMS

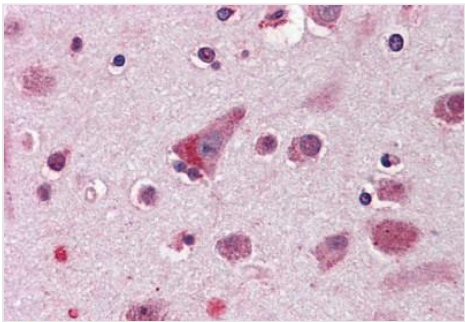
HELO1 / ELOVL5; Polyclonal Antibody; Rabbit Polyclonal to Human HELO1 / ELOVL5; Anti-HELO1 / ELOVL5 Antibody (Internal) IHC-plus; ELOVL5; ELOVL FA elongase 5; ELOVL fatty acid elongase 5; Fatty acid elongase 1; RP3-483K16.1; DJ483K16.1; HELO1; Human HELO1; anti-HELO1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Gorilla, Human, Orangutan, Rabbit Predicted Reactivity: Monkey, Mouse, Dog (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human ELOVL5. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except PLAGL1 (39%), PLAG1 (39%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	299
Applicable Applications for anti-HELO1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 18 amino acid peptide from internal region of human ELOVL5. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Elephant, Rabbit (100%); Marmoset, Mouse, Dog (94%); Rat, Hamster, Panda (89%).
Immunogen Type	Synthetic peptide
Immunogen	HELO1 / ELOVL5 antibody was raised against synthetic 18 amino acid peptide from internal region of human ELOVL5. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Elephant, Rabbit (100%); Marmoset, Mouse, Dog (94%); Rat, Hamster, Panda (89%); Bat (83%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C



IHC (Immunohistochemistry)
Anti-ELOVL5 antibody IHC of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-ELOVL5 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11464975
NCBI GeneID	60481
NCBI Accession #	NP_068586.1
NCBI GenBank Nucleotide #	NM_021814.4
UniProt Accession #	Q9NYP7; Q59EL3; Q5TGH5; Q6NXE7; Q7L2S5; Q8NCG4; Q9UI22; B4DZJ2; F6SH78
Molecular Weight	9,580 Da
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; ELOVL FA elongase 5; fatty acid elongase 1; spinocerebellar ataxia 38; 3-keto acyl-CoA synthase ELOVL5; very-long-chain 3-oxoacyl-CoA synthase 5; homolog of yeast long chain polyunsaturated fatty acid elongation enzyme 2; ELOVL family member 5, elongation of long chain fatty acids (FEN1/Elo2, SUR4/Elo3-like, yeast)
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.