



# ELOVL1 rabbit pAb

Cat No.:ES2254

For research use only

## Overview

<b>Product Name</b>	ELOVL1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ELOVL1. AA range:101-150
<b>Specificity</b>	ELOVL1 Polyclonal Antibody detects endogenous levels of ELOVL1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Elongation of very long chain fatty acids protein 1
<b>Gene Name</b>	ELOVL1
<b>Cellular localization</b>	Endoplasmic reticulum membrane ; Multi-pass membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	35kD
<b>Human Gene ID</b>	64834
<b>Human Swiss-Prot Number</b>	Q9BW60
<b>Alternative Names</b>	ELOVL1; SSC1; CGI-88; Elongation of very long chain fatty acids protein 1; 3-keto acyl-CoA synthase ELOVL1; ELOVL fatty acid elongase 1; ELOVL FA elongase 1
<b>Background</b>	domain:The di-lysine motif confers endoplasmic reticulum localization for type I membrane proteins.,function:Could be implicated in

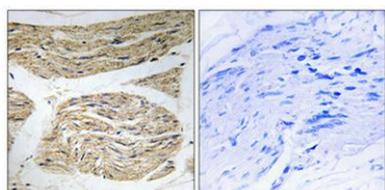




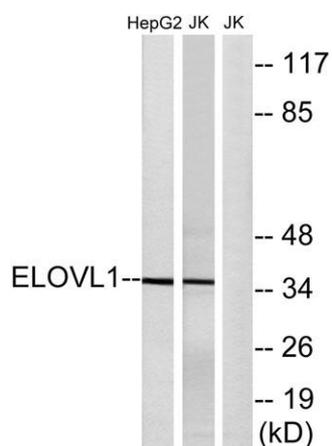
tissue-specific synthesis of very long chain fatty acids and sphingolipids. May catalyze one or both of the reduction reaction in fatty acid elongation, i.e., conversion of beta-ketoacyl CoA to beta-hydroxyacyl CoA or reduction of trans-2-enoyl CoA to the saturated acyl CoA derivative.,similarity:Belongs to the ELO family.,



Western Blot analysis of various cells using ELOVL1 Polyclonal Antibody diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded Human skeletal muscle. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtaned from antibody was pre-abs



Western blot analysis of lysates from Jurkat and HepG2 cells, using ELOVL1 Antibody. The lane on the right is blocked with the synthesized peptide.

