Product Name: ELOVL3 Rabbit Polyclonal Antibody
Catalog #: APRab10424
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight	

Antigen Information

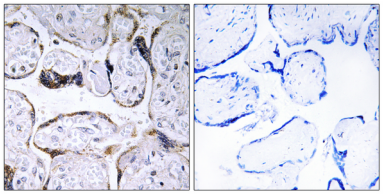
Gene Name	ELOVL3
Alternative Names	ELOVL3; CIG30; Elongation of very long chain fatty acids protein 3; 3-keto acyl-CoA synthase ELOVL3; Cold-inducible glycoprotein of 30 kDa; ELOVL fatty acid elongase 3; ELOVL FA elongase 3
Gene ID	83401.0
SwissProt ID	Q9HB03
Immunogen	The antiserum was produced against synthesized peptide derived from human ELOVL3. AA range:31-80

Background

This gene encodes a protein that belongs to the GNS1/SUR4 family. Members of this family play a role in elongation of long chain fatty acids to provide precursors for synthesis of sphingolipids and ceramides. [provided by RefSeq, Jul 2013],domain:The di-lysine motif confers endoplasmic reticulum localization for type I membrane proteins.,function:May be involved in a membrane event related to cellular proliferation in brown adipose tissue. Could be implicated in 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.,

Research Area

Image Data



Immunohistochemistry analysis of paraffin-embedded human placenta, using ELOVL3 Antibody. The picture on the right is blocked with the synthesized peptide.