



# ELOVL3 rabbit pAb

Cat No.:ES7680

For research use only

## Overview

<b>Product Name</b>	ELOVL3 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ELOVL3. AA range:31-80
<b>Specificity</b>	ELOVL3 Polyclonal Antibody detects endogenous levels of ELOVL3 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 3
<b>Gene Name</b>	ELOVL3
<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>	
<b>Human Gene ID</b>	83401
<b>Human Swiss-Prot Number</b>	Q9HB03
<b>Alternative Names</b>	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
<b>Background</b>	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



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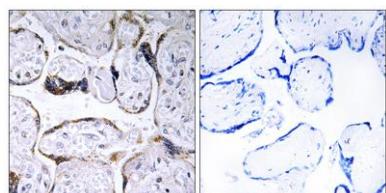
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precursors for synthesis of sphingolipids and ceramides. [provided by RefSeq, Jul 2013],

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



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