

## **ELOVL2** rabbit pAb

Cat No.: ES6680

For research use only

## Overview

Product Name ELOVL2 rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Rat; Mouse;

**Recommended dilutions** Immunohistochemistry: 1/100 - 1/300. ELISA:

1/10000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human ELOVL2. AA

range:250-296

**Specificity** ELOVL2 Polyclonal Antibody detects endogenous

levels of ELOVL2 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Elongation of very long chain fatty acids protein 2

Gene Name ELOVL2

**Cellular localization** Endoplasmic reticulum membrane ; Multi-pass

membrane protein.

**Purification** The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

**Observed band** 

Human Gene ID 54898 Human Swiss-Prot Number Q9NXB9

Alternative Names ELOVL2; SSC2; Elongation of very long chain fatty

acids protein 2; 3-keto acyl-CoA synthase ELOVL2; ELOVL fatty acid elongase 2; ELOVL FA elongase 2

Background domain: The di-lysine motif confers endoplasmic

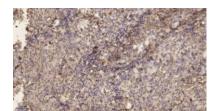
reticulum localization for type I membrane proteins., function: Could be implicated in

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.,



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Immunohistochemical analysis of paraffin-embedded human lung cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

