

Datasheet for ABIN7151561  
**anti-ELOVL2 antibody (AA 91-174) (Biotin)**



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## Overview

Quantity:	100 µg
Target:	ELOVL2
Binding Specificity:	AA 91-174
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ELOVL2 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Elongation of very long chain fatty acids protein 2 protein (91-174AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	ELOVL2
Alternative Name:	ELOVL2 ( <a href="#">ELOVL2 Products</a> )
Background:	Background: Catalyzes the first and rate-limiting reaction of the four that constitute the long-chain fatty acids elongation cycle. This endoplasmic reticulum-bound enzymatic process,

## Target Details

allows the addition of 2 carbons to the chain of long- and very long-chain fatty acids/VLCFAs per cycle. Acts specifically toward polyunsaturated acyl-CoA with the higher activity toward C20:4(n-6) acyl-CoA. Condensing enzyme that catalyzes the synthesis of polyunsaturated very long chain fatty acid (C20- and C22-PUFA). May participate to the production of polyunsaturated VLCFAs of different chain lengths that are involved in multiple biological processes as precursors of membrane lipids and lipid mediators.

Aliases: 3 keto acyl CoA synthase ELOVL2 antibody, 3-keto acyl-CoA synthase Elovl2 antibody, Elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast) like 2 antibody, Elongation of very long chain fatty acids protein 2 antibody, ELOV2\_HUMAN antibody, ELOVL fatty acid elongase 2 antibody, Elovl2 antibody, FLJ20334 antibody, OTTHUMP00000016029 antibody, SSC2 antibody

UniProt: [Q9NXB9](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.