

Datasheet for ABIN6991291  
**anti-ELOVL7 antibody (N-Term)**



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## Overview

Quantity:	0.1 mg
Target:	ELOVL7
Binding Specificity:	AA 40-90, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ELOVL7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

## Product Details

Immunogen:	ELOVL7 antibody was raised against a 15 amino acid synthetic peptide near the amino terminus of human ELOVL7. The immunogen is located within amino acids 40 - 90 of ELOVL7.
Isotype:	IgG
Purification:	ELOVL7 Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	ELOVL7
Alternative Name:	ELOVL7 ( <a href="#">ELOVL7 Products</a> )
Background:	ELOVL7 Antibody: Lipogenesis is a key event in the energy storage system and is controlled by the transcription factor sterol regulatory element-binding protein (SREBP)-1. Elongation of very

## Target Details

long chain fatty acids protein 7 (ELOVL7) is a member of fatty acyl-CoA elongase gene family that elongates saturated very-long-chain fatty acids (SVLFA, C20:0-) and has been suggested to be involved in prostate cancer growth through saturated long-chain fatty acid metabolism. The metabolic pathways of long-chain fatty acids play an important role in the maintenance of membrane lipid composition and the generation of cell signaling precursor molecules such as eicosanoids and sphingosine-1 phosphate. Overexpression of ELOVL7 results in lipid accumulation in differentiated adipocytes, its expression is regulated by the microRNA miR-219.

Gene ID:	79993
NCBI Accession:	<a href="#">NP_001098028</a>
UniProt:	<a href="#">A1L3X0</a>

## Application Details

Application Notes:	ELOVL7 antibody can be used for detection of ELOVL7 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.  Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	ELOVL7 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	ELOVL7 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should

not be exposed to prolonged high temperatures.