

Datasheet for ABIN7151560  
**anti-ELOVL2 antibody (AA 91-174)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	ELOVL2
Binding Specificity:	AA 91-174
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ELOVL2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## 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: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

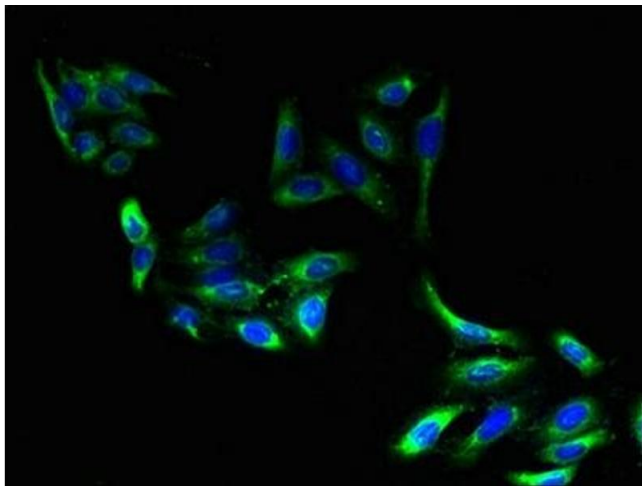
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

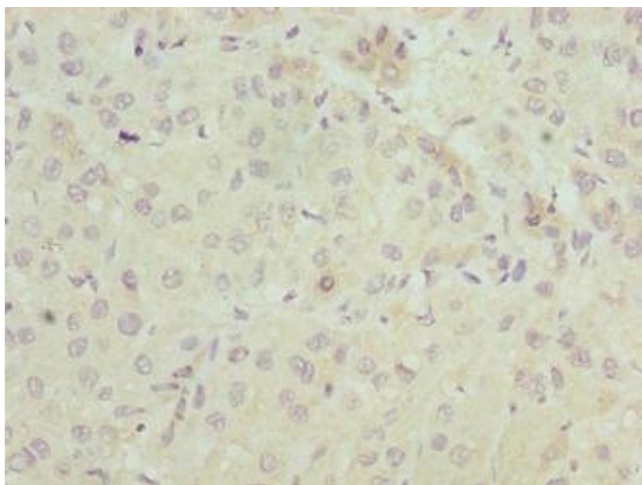
Storage: -20 °C,-80 °C

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



#### Immunofluorescence

**Image 1.** Immunofluorescent analysis of HepG2 cells using ABIN7151560 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7151560 at dilution of 1:100