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Datasheet for ABIN7151568
anti-ELOVL5 antibody (AA 247-299)

1 Image

Overview

Quantity:	100 µg
Target:	ELOVL5
Binding Specificity:	AA 247-299
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ELOVL5 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Elongation of very long chain fatty acids protein 5 protein (247-299AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ELOVL5
Alternative Name:	ELOVL5 (ELOVL5 Products)
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. Condensing enzyme that acts specifically toward polyunsaturated acyl-CoA with the higher activity toward C18:3(n-6) acyl-CoA. May participate to the production of monounsaturated and 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 ELOVL5 antibody, 3-keto acyl-CoA synthase Elovl5 antibody, dJ483K16.1 antibody, Elongation of very long chain fatty acids like 5 antibody, Elongation of very long chain fatty acids protein 5 antibody, ELOV5_HUMAN antibody, ELOVL 5 antibody, ELOVL family member 5 antibody, ELOVL family member 5 elongation of long chain fatty acids antibody, ELOVL family member 5, elongation of long chain fatty acids (FEN1/Elo2, SUR4/Elo3-like, yeast) antibody, ELOVL fatty acid elongase 5 antibody, ELOVL2 antibody, elovl5 antibody, Fatty acid elongase 1 antibody, hELO1 antibody, Homolog of yeast long chain polyunsaturated fatty acid elongation enzyme 2 antibody, OTTHUMP00000017867 antibody, RP3 483K16.1 antibody, RP3-483K16.1 antibody

UniProt: [Q9NYP7](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

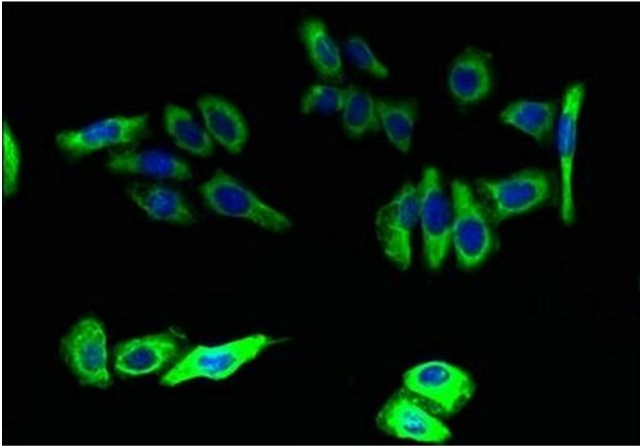
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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 ABIN7151568 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)