Datasheet for ABIN952068

anti-ELOVL2 antibody (N-Term)

3 Images

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Overview

Quantity:	0.4 mL
Target:	ELOVL2
Binding Specificity:	AA 7-36, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ELOVL2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the N-terminal region (between 7-36aa) of human ELOVL2.
Isotype:	Ig Fraction
Specificity:	This antibody recognizes ELOVL2 at N-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Purified through a Protein A column followed by peptide affinity purification

Target Details

Target:	ELOVL2

Target Details

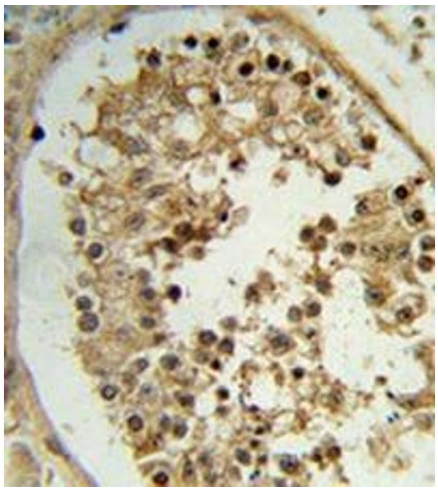
Alternative Name:	ELOVL2 (ELOVL2 Products)
Background:	ELOVL2 could be implicated in tissue-specific synthesis of very long chain fatty acids and sphingolipids. This protein may catalyze one or both of the reduction reaction in fatty acid elongation, i.e., conversion of beta-ketoacyl CoA to beta-hydroxyacyl CoA or reduction of trans-2-enoyl CoA to the saturated acyl CoA derivative (By similarity).Synonyms: 3-keto acyl-CoA synthase ELOVL2, Elongation of very long chain fatty acids protein 2, SSC2
Gene ID:	54898
NCBI Accession:	NP_060240

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

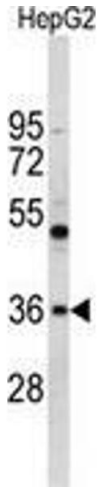
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



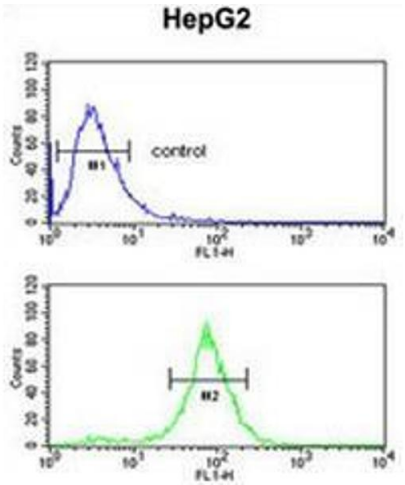
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. I mmunohistochemistry analysis of human testis tissue (Formalin-fixed, Paraffin-embedded) using ELOVL2 Antibody (N-term), peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of ELOVL2 (arrow) in HepG2 cell line lysates (35ug/lane) using ELOVL2 Antibody (N-term).



Flow Cytometry

Image 3. Flow cytometry of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram) using ELOVL2 Antibody (N-term), followed by FITC-conjugated goat-anti-rabbit secondary antibodies.