

Datasheet for ABIN653138
anti-ELOVL2 antibody (N-Term)

3 Images

1 Publication

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Overview

Quantity:	400 µL
Target:	ELOVL2
Binding Specificity:	AA 1-27, 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))

Product Details

Immunogen:	This ELOVL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-27 amino acids from the N-terminal region of human ELOVL2.
Clone:	RB23770
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ELOVL2
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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).
Molecular Weight:	34585
Gene ID:	54898
NCBI Accession:	NP_060240
UniProt:	Q9NXB9

Application Details

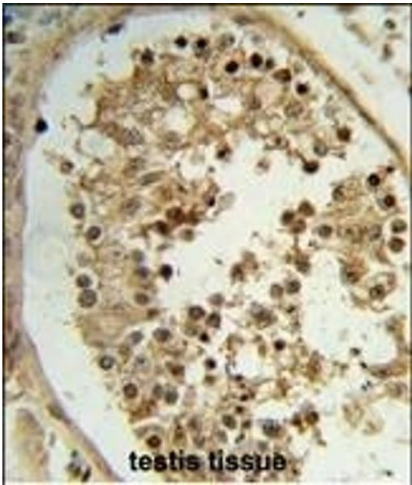
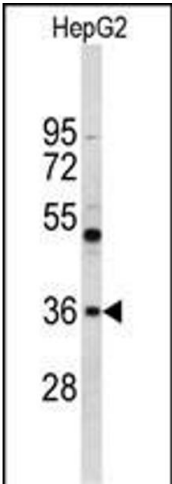
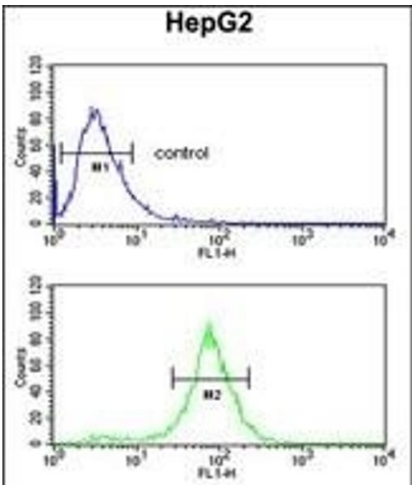
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in 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.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in:	Meller, VAN Ellen, Gevensleben, Bicker, Hankeln, Gorr, Sailer, Dröge, Schröck, Bootz, Schröck, Perner, Dietrich, Kristiansen: "Ectopic Myoglobin Expression Is Associated with a Favourable Outcome in Head and Neck Squamous Cell Carcinoma Patients." in: Anticancer research , Vol. 36, Issue 12, pp. 6235-6241, (2017) (PubMed).
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Flow Cytometry

Image 1. ELOVL2 Antibody (N-term) (ABIN653138 and ABIN2842714) flow cytometric analysis of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of ELOVL2 Antibody (N-term) (ABIN653138 and ABIN2842714) in HepG2 cell line lysates (35 µg/lane). ELOVL2 (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human testis tissue reacted with ELOVL2 Antibody (N-term), which was 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.