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Datasheet for ABIN559749

anti-ACOX1 antibody (AA 1-660)

1 Image

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Overview

Quantity:	50 µL
Target:	ACOX1
Binding Specificity:	AA 1-660
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This ACOX1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length recombinant ACOX1.
Immunogen:	ACOX1 (AAH10425, 1 a.a. ~ 660 a.a) full-length recombinant protein with GST tag.
Sequence:	MNPDLRERD SASFPELLT HILDGSPEKT RRRREIENMI LNDPDFQHED LNFLTRSQRY EVAVRKSAIM VKKMREFGIA DPDEIMWFKN FVHRGRPEPL DLHLGMFLPT LLHQATAEQQ ERFFMPAWN L EIIGTYAQTE MGHGTHLRGL ETIATYDPET QEFILNSPTV TSIKWWP GGL GKTSNHAI VL AQLITKGKCY GLHAFIVPIR EIGTHKPLPG ITVDIGPKF GYDEIDNGYL KMDNHRIPRE NMLMKYAQVK PDGTYVKPLS NKLTYGTMVF VRSFLVGEAA RALSKACTIA IRYSAVRHQ S EMKPGEPEPQ ILDFQTQQYK LFPLLATAYA FQFVGAYMKE TYHRINEGIG QGDLSELPEL HALTAGLKAF TSWTANTGIE ACRMAGGGH G YSHCSGLPNI YVNFTPSCTF EGENTVMMLQ TARFLMKSYD QVHSGKLVCG MVSYLNDLPS QRIQPQQVAV WPTMVDINSP ESL TEAYKLR AARLVEIAAK NLQKEVIHRK SKEVAWNLTS VDLVRASEAH CHYVVVKLFS EKLLKIQDKA IQAVLRSLCL LYSLYGISQN AGDFLQGSIM TEPQITQV NQ RVKELLTLIR

Product Details

SDAVALVDAF DFQDVTLGSV LGRYDGNVYE NLFEWAKNSP LNKAEVHESY KHLKSLQSKL

Cross-Reactivity: Human

Characteristics: Antibody Reactive Against Recombinant Protein.

Target Details

Target: ACOX1

Alternative Name: ACOX1 ([ACOX1 Products](#))

Background: Full Gene Name: acyl-Coenzyme A oxidase 1, palmitoyl
Synonyms: ACOX,MGC1198,PALMCOX,SCOX

Gene ID: 51

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#), [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 50 % glycerol

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

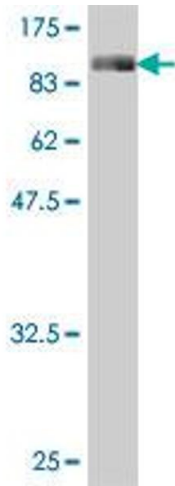
Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Pelletier, Rigden, Poon: "Diesel and biodiesels induce hepatic palmitoyl-CoA oxidase enzymatic activity through different molecular mechanisms in rats." in: **Journal of biochemical and molecular toxicology**, Vol. 26, Issue 6, pp. 235-40, (2012) ([PubMed](#)).

Omi, Nakata, Okamura-Ikeda, Konishi, Taniguchi: "Contribution of peroxisome-specific isoform of Lon protease in sorting PTS1 proteins to peroxisomes." in: **Journal of biochemistry**, Vol. 143,

Images



Western Blotting

Image 1. Western Blot detection against Immunogen (98.71 kDa) .