

Datasheet for ABIN7162949
anti-ACOX1 antibody (AA 113-273)



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3 Images

Overview

Quantity:	100 µg
Target:	ACOX1
Binding Specificity:	AA 113-273
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACOX1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Peroxisomal acyl-coenzyme A oxidase 1 protein (113-273AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ACOX1
Alternative Name:	ACOX1 (ACOX1 Products)
Background:	Background: Catalyzes the desaturation of acyl-CoAs to 2-trans-enoyl-CoAs. Isoform 1 shows highest activity against medium-chain fatty acyl-CoAs and activity decreases with increasing

Target Details

chain length. Isoform 2 is active against a much broader range of substrates and shows activity towards very long-chain acyl-CoAs. Isoform 2 is twice as active as isoform 1 against 16-hydroxy-palmitoyl-CoA and is 25 % more active against 1,16-hexadecanodiol-CoA.

Aliases: ACOX antibody, ACOX1 antibody, ACOX1_HUMAN antibody, Acyl CoA oxidase 1 palmitoyl antibody, Acyl CoA oxidase straight chain antibody, AOX antibody, EC 1.3.3.6 antibody, PALMCOX antibody, Palmitoyl CoA oxidase antibody, Palmitoyl-CoA oxidase antibody, Peroxisomal acyl coenzyme A oxidase 1 antibody, Peroxisomal acyl-coenzyme A oxidase 1 antibody, Peroxisomal fatty acyl CoA oxidase antibody, SCOX antibody, Straight chain acyl CoA oxidase antibody, Straight-chain acyl-CoA oxidase antibody

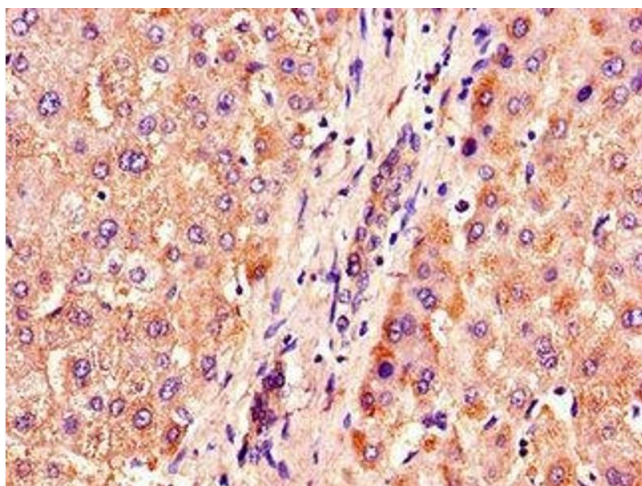
UniProt:	Q15067
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only

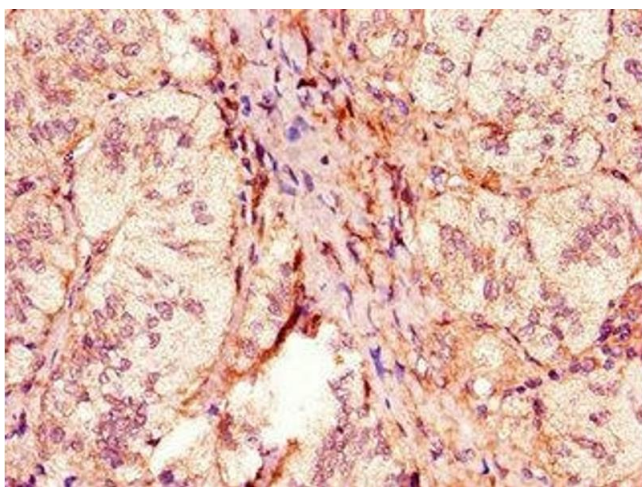
Handling

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.



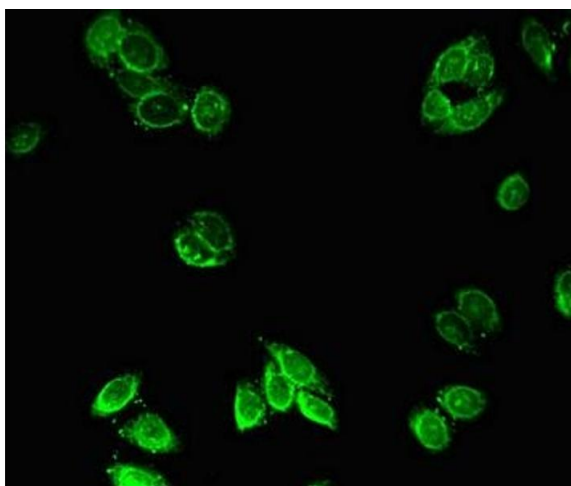
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human liver tissue using ABIN7162949 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7162949 at dilution of 1:100



Immunofluorescence

Image 3. Immunofluorescent analysis of HepG2 cells using ABIN7162949 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)