Datasheet for ABIN7183050

anti-ACOT1 antibody

2 Images

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Overview

Quantity:	100 µL
Target:	ACOT1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACOT1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Synthesized peptide derived from internal of Human ACOT1.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	ACOT1
Alternative Name:	ACOT1 (ACOT1 Products)
Background:	Background: Acyl-CoA thioesterases are a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH. Active towards fatty acyl-CoA with

Target Details

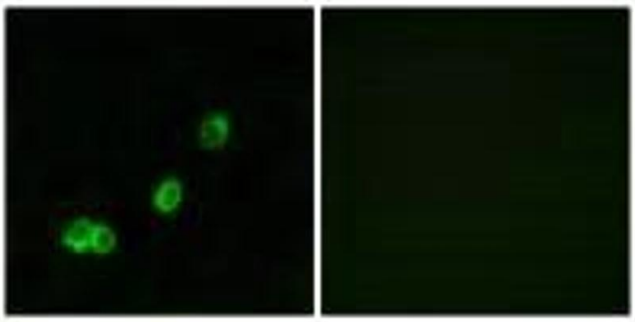
	chain-lengths of C12-C16 By similarity. Hunt M.C., Submitted (JUN-2005) to the EMBL/GenBank/DDBJ databases. Li W.B., Submitted (JAN-2003) to the EMBL/GenBank/DDBJ databases. Aliases: ACOT1 antibody, CTE1Acyl-coenzyme A thioesterase 1 antibody, Acyl-CoA thioesterase 1 antibody, EC 3.1.2.- antibody, CTE-I antibody, CTE-Ib antibody, Inducible cytosolic acyl-coenzyme A thioester hydrolase antibody, Long chain acyl-CoA thioester hydrolase antibody, Long chain acyl-CoA hydrolase antibody, Palmitoyl-coenzyme A thioesterase antibody, EC 3.1.2.2 antibody
UniProt:	Q86TX2

Application Details

Application Notes:	WB:1:500-1:3000, IF:1:100-1:500,
Restrictions:	For Research Use only

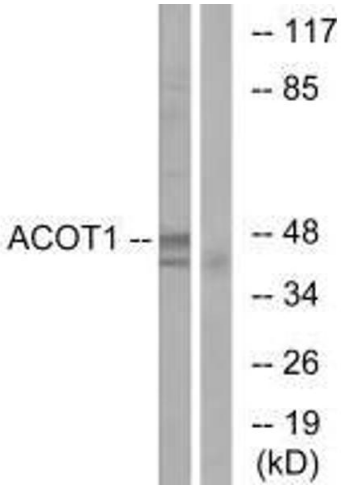
Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence analysis of MCF-7 cells, using ACOT1 antibody.



Western Blotting

Image 2. Western blot analysis of extracts from Jurkat cells, using ACOT1 antibody.