

Datasheet for ABIN1534600
anti-ACOT4 antibody (AA 361-410)

2 Images

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Overview

Quantity:	100 µg
Target:	ACOT4
Binding Specificity:	AA 361-410
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACOT4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human ACOT4.
Isotype:	IgG
Specificity:	ACOT4 Antibody detects endogenous levels of total ACOT4 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	ACOT4
Alternative Name:	ACOT4 (ACOT4 Products)
Background:	Synonyms: Acyl-coenzyme A thioesterase 4, Acyl-CoA thioesterase 4, Peroxisomal acyl

Target Details

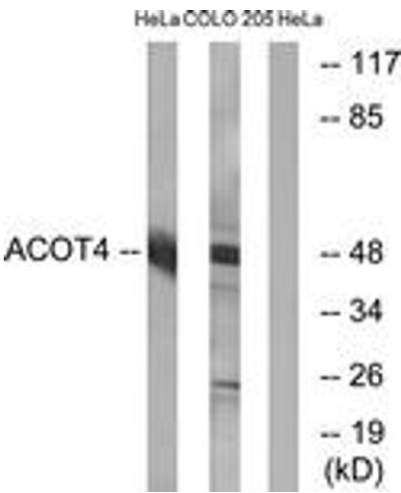
	coenzyme A thioester hydrolase Ib, Peroxisomal long-chain acyl-CoA thioesterase Ib, PTE-Ib, PTE-2b NCBI Gene Symbol: ACOT4
Molecular Weight:	46 kDa
Gene ID:	122970
UniProt:	Q8N9L9

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.49433 (NCBI Gene Symbol: ACOT4)
Restrictions:	For Research Use only

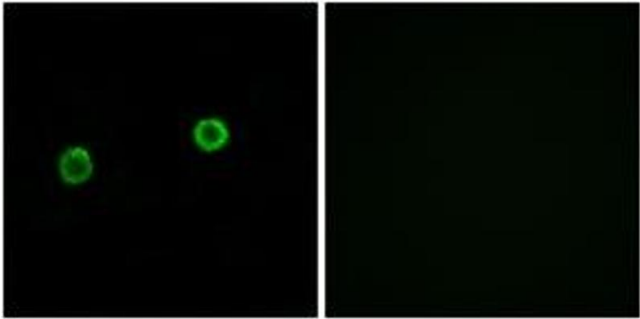
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HeLa/COLO cells, using ACOT4 Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of MCF7 cells, using ACOT4 Antibody. The picture on the right is treated with the synthesized peptide.