

Rabbit anti-Human ACOT4 Polyclonal Antibody | anti-ACOT4 antibody

ACOT4 Antibody

CATALOG # AAA304553	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

ACOT4; Polyclonal Antibody; ACOT4 Antibody; acyl-CoA thioesterase 4; acyl-coenzyme A thioesterase 4; EC 3.1.2.2; peroxisomal acyl coenzyme A thioester hydrolase Ib; peroxisomal long-chain acyl-CoA thioesterase Ib; anti-ACOT4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ACOT4 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	421
Applicable Applications for anti-ACOT4 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human ACOT4.
Target Name	ACOT4
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells, using ACOT4 antibody.


WB (Western Blot)

Western blot analysis of extracts from HeLa cells and COLO cells, using ACOT4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ACOT4 antibody	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. By similarity, Succinyl-CoA thioesterase that also hydrolyzes long chain saturated and unsaturated monocarboxylic acyl-CoAs. Ota T., Nat. Genet. 36:40-45(2004). Li W.B., Submitted (JAN-2003) to the EMBL/GenBank/DBJ databases. The MGC Project Team; Genome Res. 14:2121-2127(2004).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187761341
NCBI GeneID	122970
NCBI Accession #	NP_689544.3
NCBI GenBank Nucleotide #	NM_152331.3
UniProt Accession #	Q8N9L9; Q17RF4; Q5BKT6; Q86TX0; Q86TX1; Q96N88
Molecular Weight	46,327 Da
NCBI Official Full Name	acyl-coenzyme A thioesterase 4
NCBI Official Synonym Full Names	acyl-CoA thioesterase 4
NCBI Official Symbol	ACOT4
NCBI Official Synonym Symbols	PTE1B; PTE2B; PTE-Ib
NCBI Protein Information	acyl-coenzyme A thioesterase 4
UniProt Protein Name	Acyl-coenzyme A thioesterase 4
UniProt Gene Name	ACOT4
UniProt Synonym Gene Names	PTE2B; PTEIB; Acyl-CoA thioesterase 4; PTE-Ib
UniProt Entry Name	ACOT4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/acot4-antibody-immunofluorescence-western-blot-elisa/304553>