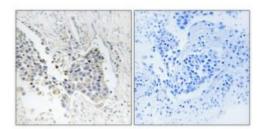


Anti-ACOT1 antibody





Description	Rabbit polyclonal to ACOT1.

Model STJ91450

Host Rabbit

Reactivity Human

Applications ELISA, IF, IHC, WB

Immunogen Synthesized peptide derived from human ACOT1

Immunogen Region 60-140 aa, Internal

Gene ID <u>641371</u>

Gene Symbol ACOT1

Dilution range WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:40000

Specificity ACOT1 Polyclonal Antibody detects endogenous levels of ACOT1 protein.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name Acyl-coenzyme A thioesterase 1 Acyl-CoA thioesterase 1 CTE-Ib

Inducible cytosolic acyl-coenzyme A thioester hydrolase Long chain acyl-

CoA thioester hydrolase Long chain acyl-CoA hydrolase

Molecular Weight 46 kDa

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links HGNC:331280MIM:614313

Alternative Names Acyl-coenzyme A thioesterase 1 Acyl-CoA thioesterase 1 CTE-I b

Inducible cytosolic acyl-coenzyme A thioester hydrolase Long chain acyl-

CoA thioester hydrolase Long chain acyl-CoA hydrolase

Function 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 chain-lengths of C12-C16.

Cellular Localization Cytoplasm

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