

## ACOT2 Antibody

Catalog No: #34381

Package Size: #34381-1 50ul #34381-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

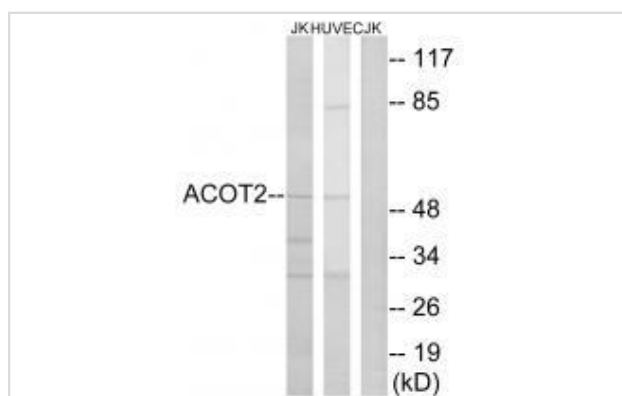
## Description

Product Name	ACOT2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ACOT2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human ACOT2.
Target Name	ACOT2
Other Names	acyl-coenzyme A thioesterase 2; CTE-Ia; EC 3.1.2.2; peroxisomal acyl-coenzyme A thioester hydrolase 2a; peroxisomal long-chain acyl-coA thioesterase 2
Accession No.	Swiss-Prot: P49753NCBI Gene ID: 10965
Uniprot	P49753
GeneID	10965;
SDS-PAGE MW	53kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500~1:3000

## Images



Western blot analysis of extracts from Jurkat cells and HuvEc cells, using ACOT2 antibody #34381.

## Background

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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. Displays high levels of activity on medium- and long chain acyl CoAs.

Sherrington R., Nature 375:754-760(1995).

Hunt M.C., FASEB J. 20:1855-1864(2006).

Ota T., Nat. Genet. 36:40-45(2004).

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Note: This product is for in vitro research use only