ACOT8 Antibody

Catalog No: #34383

Package Size: #34383-1 50ul #34383-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

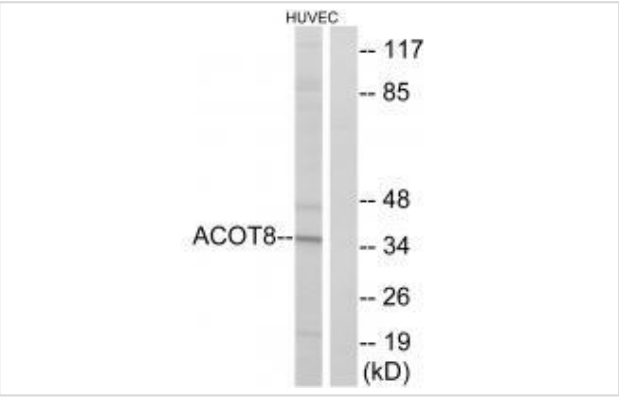
Product Name	ACOT8 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total ACOT8 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human ACOT8.
Target Name	ACOT8
Other Names	ACTE-III; ACTEIII; acyl-CoA thioesterase 8; acyl-coenzyme A thioesterase 8; choloyl-coenzyme A thioesterase
Accession No.	Swiss-Prot: O14734NCBI Gene ID: 10005
Uniprot	O14734
GeneID	10005;
SDS-PAGE MW	36kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

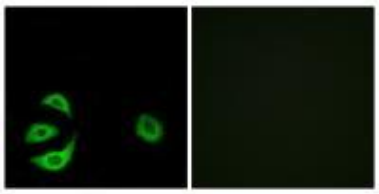
Western blotting: 1:500~1:3000

Immunofluorescence: 1:100~1:500

Images



Western blot analysis of extracts from HUVEC cells, using ACOT8 antibody #34383.



Immunofluorescence analysis of A549 cells, using ACOT8 antibody #34383.

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. May mediate Nef-induced down-regulation of CD4. Major thioesterase in peroxisomes. Competes with BAAT (Bile acid CoA: amino acid N-acyltransferase) for bile acid-CoA substrate (such as chenodeoxycholoyl-CoA). Shows a preference for medium-length fatty acyl-CoAs By similarity. May be involved in the metabolic regulation of peroxisome proliferation.

Watanabe H., Biochem. Biophys. Res. Commun. 238:234-239(1997).
Liu L.X., J. Biol. Chem. 272:13779-13785(1997).
Jones J.M., J. Biol. Chem. 274:9216-9223(1999).

Note: This product is for in vitro research use only