

Mouse ACOT12 Monoclonal Antibody | anti-ACOT12 antibody

ACOT12 antibody

CATALOG # AAA106435	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

ACOT12; Monoclonal Antibody; ACOT12 antibody; Monoclonal ACOT12; Anti-ACOT12; Acyl-CoA Thioesterase 12; CACH-1; Cach; MGC105114; STARD15; THEAL; ACOT 12; ACOT-12; anti-ACOT12 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	1A11
Purity/Purification	ACOT12 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	555
Applicable Applications for anti-ACOT12 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	ACOT12 contains 2 acyl coenzyme A hydrolase domains and 1 START domain. It hydrolyzes acetyl-CoA to acetate and CoA.
Cross-Reactivity	Human
Immunogen	ACOT12 antibody was raised in mouse using a full length recombinant protein of human ACOT12 (NP_570123) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of ACOT12 protein in paraffin embedded Carcinoma of Human lung tissue using ACOT12 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant ACOT12 protein (Right) or empty vector (Left) detected with ACOT12 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ACOT12 antibody	Mouse monoclonal ACOT12 antibody
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Product Categories/Family for anti-ACOT12 antibody	Proteases; Inhibitors; & Enzymes
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18640736
NCBI GeneID	134526
NCBI Accession #	NP_570123
NCBI GenBank Nucleotide #	NM_130767.2
UniProt Accession #	Q8WYK0; Q5FWE9; B3KVK9
Molecular Weight	18,327 Da
NCBI Official Full Name	acyl-coenzyme A thioesterase 12
NCBI Official Synonym Full Names	acyl-CoA thioesterase 12
NCBI Official Symbol	ACOT12
NCBI Official Synonym Symbols	Cach; THEAL; CACH-1; STARD15
NCBI Protein Information	acyl-coenzyme A thioesterase 12
UniProt Protein Name	Acyl-coenzyme A thioesterase 12
UniProt Gene Name	ACOT12
UniProt Synonym Gene Names	CACH; CACH1; STARD15; Acyl-CoA thioesterase 12; CACH-1; hCACH-1; StARD15
UniProt Entry Name	ACO12_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/monoclonal/acot12-antibody-clone-1a11-western-blot-immunohistochemistry-flow-cytometry-elisa/106435>