

Rabbit anti-Human ACOT9 Polyclonal Antibody | anti-ACOT9 antibody

Rabbit anti-ACOT9 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213425	Rabbit	Human	Immunoprecipitation, Western Blot

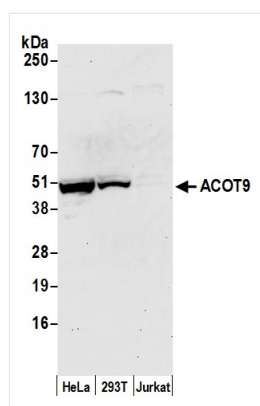
PRODUCT SYNONYMS

ACOT9; Polyclonal Antibody; Rabbit anti-ACOT9 Antibody; Affinity Purified; CGI-16; MT-ACT48; mitochondrial Acyl-CoA Thioesterase; acyl-coenzyme A thioesterase 9; mitochondrial; acyl-Coenzyme A thioesterase 2; Acyl-CoA thioesterase 9; acyl-CoA thioester hydrolase 9; ACATE2; MTA48; Acyl-coenzyme A thioesterase 9; acyl-CoA thioesterase 9; anti-ACOT9 antibody

PRODUCT SPECIFICATIONS

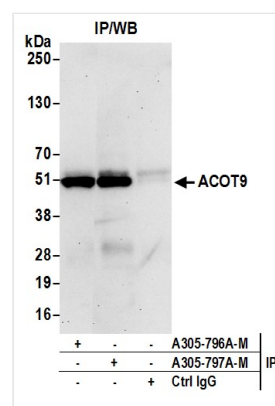
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ACOT9 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 389 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human ACOT9 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ACOT9 antibody (AAA213425 lot 1) used for WB at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human ACOT9 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ACOT9 antibody (AAA213425 lot 1) used for IP at 1 ug per reaction. ACOT9 was also immunoprecipitated by rabbit anti-ACOT9 antibody For blotting immunoprecipitated ACOT9, AAA213425 was used at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-ACOT9 antibody	ACOT9 is an acyl-CoA thioesterase and a member of 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 on long chain acyl-CoAs. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9Y305].
Product Categories/Family for anti-ACOT9 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	81295404
NCBI GeneID	23597
NCBI Accession #	NP_001028755.2
NCBI GenBank Nucleotide #	NM_001033583.2
UniProt Accession #	Q9Y305; B3KNC9; B7ZM94
Molecular Weight	50,851 Da
NCBI Official Full Name	acyl-coenzyme A thioesterase 9, mitochondrial isoform b
NCBI Official Synonym Full Names	acyl-CoA thioesterase 9
NCBI Official Symbol	ACOT9
NCBI Official Synonym Symbols	ACATE2; CGI-16; MTACTION; MT-ACT48
NCBI Protein Information	acyl-coenzyme A thioesterase 9, mitochondrial; acyl-CoA thioester hydrolase 9; mitochondrial Acyl-CoA Thioesterase; acyl-Coenzyme A thioesterase 2, mitochondrial
UniProt Protein Name	Acyl-coenzyme A thioesterase 9, mitochondrial
UniProt Gene Name	ACOT9
UniProt Synonym Gene Names	Acyl-CoA thioesterase 9
UniProt Entry Name	ACOT9_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/acot9-antibody-immunoprecipitation-western-blot-elisa/213425>