

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

ACOT9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327819	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

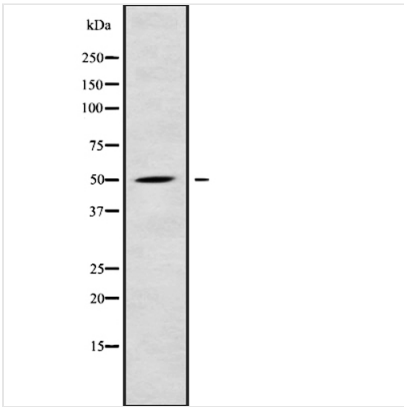
PRODUCT SYNONYMS

ACOT9; Polyclonal Antibody; ACOT9 Antibody; ACOT9_HUMAN; Acyl CoA thioester hydrolase 9; Acyl CoA thioesterase 9; Acyl coenzyme A thioesterase 9; Acyl-CoA thioester hydrolase 9; Acyl-CoA thioesterase 9; Acyl-coenzyme A thioesterase 9; mitochondrial; CGI 16; anti-ACOT9 antibody

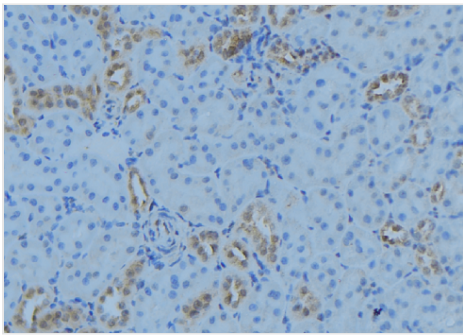
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	ACOT9 antibody detects endogenous levels of total ACOT9
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	439
Applicable Applications for anti-ACOT9 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ACOT9
Subcellular Location	Mitochondrion.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of ACOT9 using LOVO whole cell lysates



IHC (Immunohistochemistry)
AAA327819 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-ACOT9 antibody	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 on long chain acyl-CoAs. Subunit Structure: Interacts with NYAP1, NYAP2 and MYO16. Similarity: Belongs to the acyl coenzyme A hydrolase family.
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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	Observed: 50 kDa Predicted: 50 kDa
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; MTACT48; MT-ACT48
NCBI Protein Information	acyl-coenzyme A thioesterase 9, mitochondrial
UniProt Protein Name	Acyl-coenzyme A thioesterase 9, mitochondrial
UniProt Gene Name	ACOT9
UniProt Synonym Gene Names	Acyl-CoA thioesterase 9

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.