

Goat ACAT1 Polyclonal Antibody | anti-ACAT1 antibody

Goat anti-ACAT1 (aa257-269) Antibody

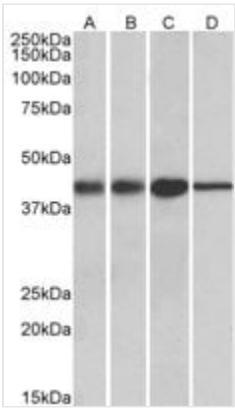
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61467	Goat	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Cow	Immunofluorescence, Western Blot, ELISA

PRODUCT SYNONYMS

ACAT1; Polyclonal Antibody; Goat anti-ACAT1 (aa257-269) Antibody; Goat Anti-ACAT1 (aa257-269); Biotinylated Antibody; acetyl-Coenzyme A acetyltransferase 1; ACAT; MAT; T2; THIL; acetoacetyl Coenzyme A thiolase; ACAT1 antibody; acetyl-Coenzyme A acetyltransferase 1 antibody; ACAT antibody; MAT antibody; T2 antibody; THIL antibody; acetoacetyl Coenzyme A thiolase antibody; ACAT1 (aa257-269); anti-ACAT1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	KRVDFSKVPK LKT
Sequence Length	427
Applicable Applications for anti-ACAT1 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-KRVDFSKVPK LKT, from the internal region of the protein sequence according to NP_000010.1.
Epitope	Internal region
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



WB (Western Blot)
0. 01ug/ml staining of Mouse (A) and Rat (B) kidney lysates, and Mouse (C) and Rat (D) Liver lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



WB (Western Blot)
0. 01ug/ml staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557237
NCBI GeneID	38
NCBI Accession #	NP_000010.1
NCBI GenBank Nucleotide #	NM_000019.3
Molecular Weight	17,175 Da
NCBI Official Full Name	acetyl-CoA acetyltransferase, mitochondrial
NCBI Official Synonym Full Names	acetyl-CoA acetyltransferase 1
NCBI Official Symbol	ACAT1
NCBI Official Synonym Symbols	T2; MAT; ACAT; THIL
NCBI Protein Information	acetyl-CoA acetyltransferase, mitochondrial
UniProt Protein Name	Acetyl-CoA acetyltransferase, mitochondrial
UniProt Gene Name	ACAT1
UniProt Synonym Gene Names	ACAT; MAT
UniProt Entry Name	THIL_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.