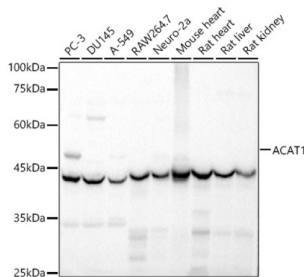


Acetyl Coenzyme A Acetyltransferase 1 (ACAT1) Antibody

Catalogue No.: abx004078



Western blot analysis of various lysates, using ACAT1 Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 1s.

ACAT1 Antibody is a Rabbit Polyclonal antibody against ACAT1. This gene encodes a mitochondrially localized enzyme that catalyzes the reversible formation of acetoacetyl-CoA from two molecules of acetyl-CoA. Defects in this gene are associated with 3-ketothiolase deficiency, an inborn error of isoleucine catabolism characterized by urinary excretion of 2-methyl-3-hydroxybutyric acid, 2-methylacetoacetic acid, tiglylglycine, and butanone.

Target:	Acetyl Coenzyme A Acetyltransferase 1 (ACAT1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-145 of human ACAT1.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P24752 (UniProt , ExPASy)
Gene Symbol:	ACAT1

Datasheet

Version: 3.0.0
Revision date: 23 Feb 2025



GeneID: [38](#)

NCBI Accession: NP_000010.1

KEGG: hsa:38

String: [9606.ENSP00000265838](#)

Molecular Weight: Calculated MW: 45 kDa
Observed MW: 42 kDa

Buffer: PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: This product is for research use only.

For Reference Only