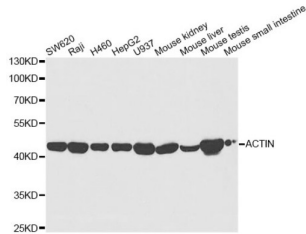
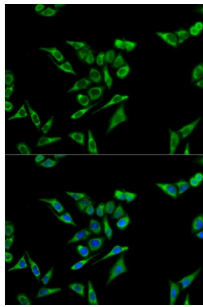


## Acetyl Coenzyme A Acetyltransferase 1 (ACAT1) Antibody

Catalogue No.: abx004078



Western blot analysis of extracts of various cell lines, using ACAT1 antibody (abx004078) at 1/5000 dilution.



Immunofluorescence analysis of A549 cells using ACAT1 antibody (abx004078). Blue: DAPI for nuclear staining.

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:** WB

**Host:** Rabbit

**Recommended dilutions:** 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

# Datasheet

Version: 2.0.0  
Revision date: 03 Dec 2024



<b>Purification:</b>	Purified by affinity chromatography.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P24752 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	ACAT1
<b>GeneID:</b>	<a href="#">38</a>
<b>NCBI Accession:</b>	NP_000010.1
<b>KEGG:</b>	hsa:38
<b>String:</b>	<a href="#">9606.ENSP00000265838</a>
<b>Molecular Weight:</b>	Calculated MW: 45 kDa Observed MW: 42 kDa
<b>Buffer:</b>	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
<b>Concentration:</b>	> 0.2 mg/ml
<b>Note:</b>	This product is for research use only.

For Reference Only