

Datasheet for ABIN5539786  
**anti-ACAT1 antibody (AA 253-266) (Biotin)**



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1 Image

## Overview

Quantity:	100 µg
Target:	ACAT1
Binding Specificity:	AA 253-266
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ACAT1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

## Product Details

Purpose:	ACAT1 (aa253-266), Biotinylated
Sequence:	DEEYKRVD FS KVPK.
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	ACAT1
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## Target Details

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Alternative Name:	ACAT1 ( <a href="#">ACAT1 Products</a> )
Background:	ACAT1, acetyl-CoA acetyltransferase 1, ACAT, MAT, T2, THIL, acetoacetyl Coenzyme A thiolase, acetoacetyl-CoA thiolase, acetyl-Coenzyme A acetyltransferase 1, mitochondrial acetoacetyl-CoA thiolase
Gene ID:	38, 110446, 25014
NCBI Accession:	<a href="#">NP_000010</a>

## Application Details

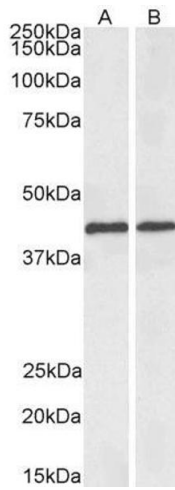
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Application Notes:	Western Blot: Approx 45 kDa band observed in Mouse and Rat Liver lysates (calculated MW of 44.8 kDa according to Mouse NP_659033.1 and 44.7 kDa according to Rat NP_058771.2). See non-biotinylated parental product's datasheet for further QC data. Recommended Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



### Western Blotting

**Image 1.** Biotinylated ABIN5539786 (0.1µg/ml) staining of Mouse (A) and Rat (B) Liver lysates (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.