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# Datasheet for ABIN6242996 anti-ACOT8 antibody (C-Term)

Image



#### Overview

Quantity:	80 µL
Target:	ACOT8
Binding Specificity:	AA 275-310, C-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACOT8 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	This ACOT8 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 275-310 amino acids from the C-terminal region of human ACOT8.
Clone:	RB48192
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	ACOT8
Alternative Name:	ACOT8 (ACOT8 Products)
Background:	Acyl-CoA thioesterases are a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the

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## Target Details

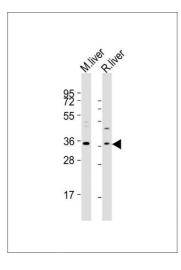
	free fatty acid and coenzyme A (CoASH), providing the potential to regulate intracellular levels
	of acyl-CoAs, free fatty acids and CoASH. May mediate Nef-induced down-regulation of CD4.
	Major thioesterase in peroxisomes. Competes with BAAT (Bile acid CoA: amino acid N-
	acyltransferase) for bile acid-CoA substrate (such as chenodeoxycholoyl-CoA). Shows a
	preference for medium-length fatty acyl-CoAs (By similarity). May be involved in the metabolic
	regulation of peroxisome proliferation.
Molecular Weight:	35914
UniProt:	014734
Pathways:	Monocarboxylic Acid Catabolic Process

## Application Details

Application Notes:	WB: 1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months



#### Western Blotting

**Image 1.** All lanes : Anti-ACOT8 Antibody (C-term) at 1:2000 dilution Lane 1: mouse liver lysates Lane 2: rat liver lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 36 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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