

Datasheet for ABIN7143241  
**anti-ACOT8 antibody (AA 1-200) (HRP)**



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## Overview

Quantity:	100 µL
Target:	ACOT8
Binding Specificity:	AA 1-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACOT8 antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Acyl-coenzyme A thioesterase 8 protein (1-200AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

## Target Details

Target:	ACOT8
Alternative Name:	ACOT8 ( <a href="#">ACOT8 Products</a> )
Background:	Background: Acyl-coenzyme A (acyl-CoA) thioesterases are a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the

## Target Details

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potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH (PubMed: 9299485, PubMed: 9153233, PubMed: 15194431). Competes with bile acid CoA: amino acid N-acyltransferase (BAAT) for bile acid-CoA substrate (such as chenodeoxycholoyl-CoA). Shows a preference for medium-length fatty acyl-CoAs (C2 to C20) (PubMed: 9299485, PubMed: 9153233). Inactive towards substrates with more than C20 aliphatic chains (PubMed: 9153233). Involved in the metabolic regulation of peroxisome proliferation (PubMed: 15194431).

Aliases: ACOT8 antibody, ACTEIII antibody, PTE1 antibody, Acyl-coenzyme A thioesterase 8 antibody, Acyl-CoA thioesterase 8 antibody, EC 3.1.2.1 antibody, EC 3.1.2.11 antibody, EC 3.1.2.2 antibody, EC 3.1.2.3 antibody, EC 3.1.2.5 antibody, Choloyl-coenzyme A thioesterase antibody, EC 3.1.2.27 antibody, HIV-Nef-associated acyl-CoA thioesterase antibody, Peroxisomal acyl-CoA thioesterase 2 antibody, PTE-2 antibody, Peroxisomal acyl-coenzyme A thioester hydrolase 1 antibody, PTE-1 antibody, Peroxisomal long-chain acyl-CoA thioesterase 1 antibody, Thioesterase II antibody, hACTE-III antibody, hACTEIII antibody, hTE antibody

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UniProt: [O14734](#)

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Pathways: [Monocarboxylic Acid Catabolic Process](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.