

Datasheet for ABIN653089  
**anti-ACOT8 antibody (C-Term)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	400 µL
Target:	ACOT8
Binding Specificity:	AA 290-319, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACOT8 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This ACOT8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 290-319 amino acids from the C-terminal region of human ACOT8.
Clone:	RB23177
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 ( <a href="#">ACOT8 Products</a> )



## Target Details

Background:	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 potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH. It may mediate Nef-induced down-regulation of CD4. It may be involved in the metabolic regulation of peroxisome proliferation.
Molecular Weight:	35914
Gene ID:	10005
NCBI Accession:	<a href="#">NP_005460</a>
UniProt:	<a href="#">O14734</a>
Pathways:	<a href="#">Monocarboxylic Acid Catabolic Process</a>

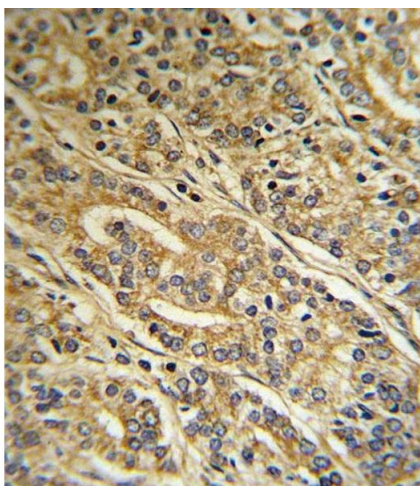
## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

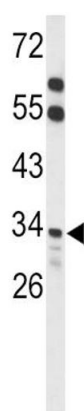
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months





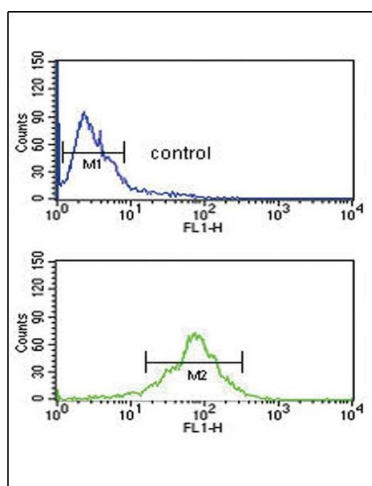
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human Prostate carcinoma reacted with ACOT8 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



### Western Blotting

**Image 2.** Western blot analysis of ACOT8 Antibody (C-term) (ABIN653089 and ABIN2842684) in mouse liver tissue lysates (35 µg/lane). ACOT8 (arrow) was detected using the purified Pab.



### Flow Cytometry

**Image 3.** ACOT8 Antibody (C-term) (ABIN653089 and ABIN2842684) flow cytometric analysis of MDA-M cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.