

Datasheet for ABIN5646999
anti-ACOT11 antibody (AA 549-575)[Go to Product page](#)

2 Images

Overview

Quantity:	0.08 mL
Target:	ACOT11
Binding Specificity:	AA 549-575
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 549-575 from the human protein was used as the immunogen for this ACOT11 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	ACOT11
Alternative Name:	ACOT11 (ACOT11 Products)
Background:	This gene encodes a member of the acyl-CoA thioesterase family which catalyse the conversion of activated fatty acids to the corresponding non-esterified fatty acid and coenzyme A. Expression of a mouse homolog in brown adipose tissue is induced by low temperatures and repressed by warm temperatures. Higher levels of expression of the mouse homolog has been

Target Details

found in obesity-resistant mice compared with obesity-prone mice, suggesting a role of acyl-CoA thioesterase 11 in obesity. Alternative splicing results in transcript variants.

UniProt: [Q8WXI4](#)

Application Details

Application Notes: Western blot: 1:500-1:1000,IHC (Paraffin): 1:50-1:100,Flow Cytometry: 1:10-1:50

Restrictions: For Research Use only

Handling

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

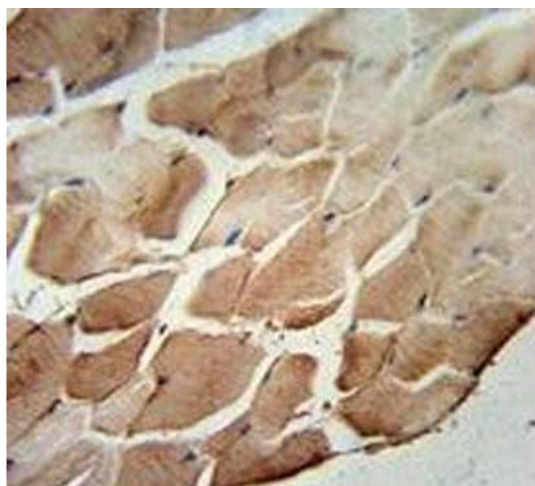
Preservative: Sodium azide

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

Storage: -20 °C

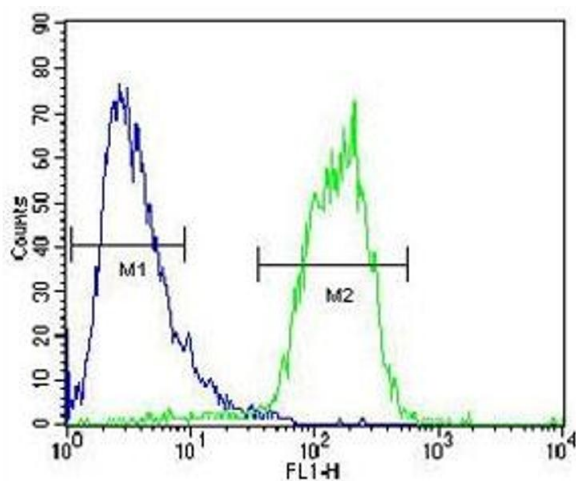
Storage Comment: Aliquot the ACOT11 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. ACOT11 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle.



Flow Cytometry

Image 2. ACOT11 antibody flow cytometric analysis of human HepG2 cells (right histogram) compared to a [negative control](#) (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.