

Datasheet for ABIN950239

anti-ACOT11 antibody (C-Term)**2** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	ACOT11
Binding Specificity:	AA 556-583, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACOT11 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 556-583 amino acids from the C-terminal region of human ACOT11
Isotype:	Ig Fraction
Specificity:	This antibody reacts to ACOT11 / BFIT.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	ACOT11
Alternative Name:	ACOT11 / BFIT (ACOT11 Products)

Target Details

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 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. Synonyms: Acyl-CoA thioester hydrolase 11, Acyl-CoA thioesterase 11, Acyl-coenzyme A thioesterase 11, Adipose-associated thioesterase, Brown fat-inducible thioesterase, KIAA0707, THEA

Molecular Weight: 68492 Da

Gene ID: 26027

NCBI Accession: [NP_056362](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) sodium azide as preservative

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: Avoid repeated freezing and thawing.

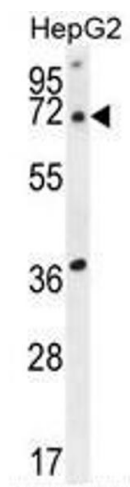
Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. ACOT11 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ACOT11 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. ACOT11 Antibody (C-term) western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the ACOT11 antibody detected the ACOT11 protein (arrow).