

Datasheet for ABIN2786124
anti-ACOT11 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	ACOT11
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Horse, Cow, Guinea Pig, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACOT11 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ACOT11
Sequence:	AEKTRVESVE LVLPPHANHQ GNTFGGQIMA WMENVATIAA SRLCRAHPTL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against ACOT11. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ACOT11
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Target Details

Alternative Name:	ACOT11 (ACOT11 Products)
Background:	<p>ACOT11 is a protein with acyl-CoA thioesterase activity towards medium (C12) and long-chain (C18) fatty acyl-CoA substrates. Expression of a similar murine protein in brown adipose tissue is induced by cold exposure and repressed by warmth. Expression of the mouse protein has been associated with obesity, with higher expression found in obesity-resistant mice compared with obesity-prone mice.</p> <p>Alias Symbols: BFIT, BFIT1, BFIT2, KIAA0707, STARD14, THEA, THEM1</p> <p>Protein Interaction Partner: ACOT11,</p> <p>Protein Size: 594</p>
Molecular Weight:	65 kDa
Gene ID:	26027
NCBI Accession:	NM_147161 , NP_671517
UniProt:	D3DQ50

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 594 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-ACOT11 Antibody Titration:
0.2-1 ug/ml
Positive Control: HepG2 cell lysate

Western Blotting

Image 2. WB Suggested Anti-ACOT11
Antibody Titration: 0.2-1 µg/mL
Positive Control: HepG2 cell lysate
ACOT11 is supported by BioGPS gene expression data to be expressed in HepG2