

Rabbit ACOT11 Polyclonal Antibody | anti-ACOT11 antibody

ACOT11 antibody - middle region

CATALOG # AAA200483	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

ACOT11; Polyclonal Antibody; ACOT11 antibody - middle region; anti-ACOT11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AE KTRVESVELV LPPHANHQGN TFGGQIMAWM ENVATIAASR LCRAHPTL
Sequence Length	594
Applicable Applications for anti-ACOT11 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ACOT11
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-ACOT11 Antibody Titration: 0.2-1 ug/ml
Positive Control: HepG2 cell lysate
ACOT11 is supported by BioGPS gene expression data to be expressed in HepG2



IHC (Immunohistochemistry)

Rabbit Anti-ACOT11 antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult Heart
Observed Staining: Cytoplasm in hepatocytes
Primary Antibody Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-ACOT11 antibody	This is a rabbit polyclonal antibody against ACOT11. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-ACOT11 antibody	Polyclonal; Drugs and Drug Metabolism; Cell Biology; Signal Transduction; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	22165400
NCBI GeneID	26027
NCBI Accession #	NP_671517
NCBI GenBank Nucleotide #	NM_147161
UniProt Accession #	D3DQ50; Q8WXI4
Molecular Weight	65
NCBI Official Full Name	acyl-coenzyme A thioesterase 11 isoform 2
NCBI Official Synonym Full Names	acyl-CoA thioesterase 11
NCBI Official Symbol	ACOT11
NCBI Official Synonym Symbols	BFIT; THEA; THEM1; STARD14
NCBI Protein Information	acyl-coenzyme A thioesterase 11

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/acot11-antibody-western-blot-elisa/200483>