

Product datasheet for **TA333810**

ACOT11 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-ACOT11 Antibody: synthetic peptide directed towards the middle region of human ACOT11. Synthetic peptide located within the following region: YVIALRSVTLPTHRETPEYRRGETLCSGFCLWREGDQLTKCCWVRVSLTE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	68 kDa
Gene Name:	acyl-CoA thioesterase 11
Database Link:	NP_056362 Entrez Gene 26027 Human Q8WXI4



[View online »](#)

Background:

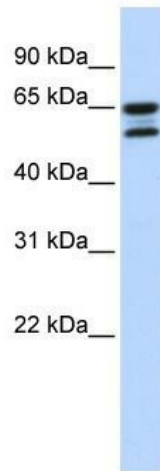
ACOT11 is a protein with acyl-CoA thioesterase activity towards medium (C12) and long-chain (C18) fatty acyl-CoA substrates. Expression of a similar murine protein in brown adipose tissue is induced by cold exposure and repressed by warmth. Expression of the mouse protein has been associated with obesity, with higher expression found in obesity-resistant mice compared with obesity-prone mice. This gene encodes 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. Alternative splicing results in two transcript variants encoding different isoforms.

Synonyms:

BFIT; STARD14; THEA; THEM1

Note:

Immunogen sequence homology: Rat: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Pig: 93%; Mouse: 93%; Rabbit: 93%; Guinea pig: 93%; Dog: 86%

Product images:

WB Suggested Anti-ACOT11 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive
Control: 721_B cell lysate ACOT11 is supported by
BioGPS gene expression data to be expressed in
721_B