

Product datasheet for **AP50050PU-N**

ACOT11 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western blotting: 1/100 - 1/500. Immunohistochemistry: 1/50 - 1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 556-583 amino acids from the C-terminal region of human ACOT11
Specificity:	This antibody reacts to ACOT11 / BFIT.
Formulation:	PBS containing 0.09% (W/V) sodium azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	acyl-CoA thioesterase 11
Database Link:	Entrez Gene 26027 Human Q8WXI4



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Background:

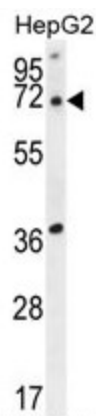
This gene encodes a member of the acyl-CoA thioesterase family which catalyse the conversion of activated fatty acids to the corresponding non-esterified fatty acid and coenzyme A. Expression of a mouse homolog in brown adipose tissue is induced by low temperatures and repressed by warm temperatures. 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:

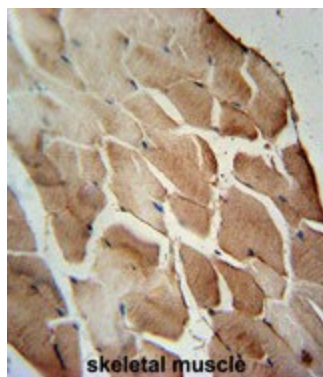
KIAA0707, THEA, Acyl-CoA thioesterase 11

Note:

Molecular Weight: 68492 Da

Product images:

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



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.