

ACOT11 Antibody (F40487)

Catalog No.	Formulation	Size
F40487-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40487-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

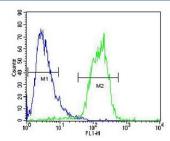
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q8WXI4
Applications	Western Blot : 1:500-1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50
Limitations	This ACOT11 antibody is available for research use only.



ACOT11 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle.

95 72 • ∢
55
36 -
28
17

ACOT11 antibody western blot analysis in human HepG2 lysate. Predicted molecular weight ~68 kDa.



ACOT11 antibody flow cytometric analysis of human HepG2 cells (right histogram) compared to a <u>negative control</u> (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

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.

Application Notes

Titration of the ACOT11 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 549-575 from the human protein was used as the immunogen for this ACOT11 antibody.

Storage

Aliquot the ACOT11 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.