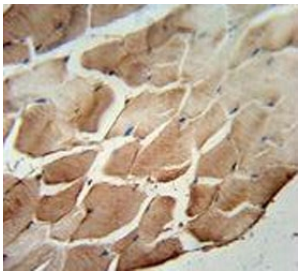
ACOT11 Antibody (F40487)

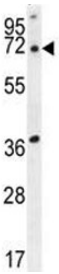
Catalog No.	Formulation	Size
F40487-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40487-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

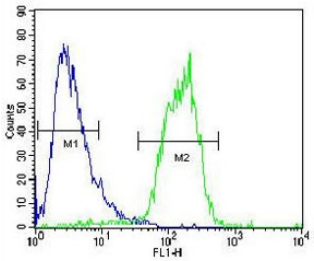
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q8WXI4
Applications	Western blot: 1:500-1:1000 IHC (Paraffin): 1:50-1:100 Flow Cytometry: 1:10-1:50
Limitations	This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



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



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 negative control (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.

Copyright © NSJ Bioreagents. All rights reserved.