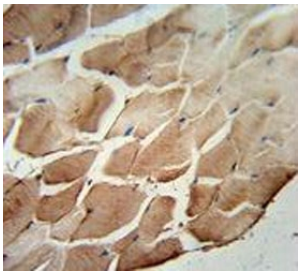
# ACOT11 Antibody (F40487)

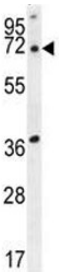
| Catalog No. | Formulation | Size |
|---|---|---|
| F40487-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F40487-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

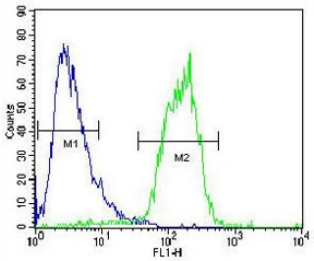
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity |
| **UniProt** | Q8WXI4 |
| **Applications** | Western Blot : 1:500-1:1000<br>IHC (Paraffin) : 1:50-1:100<br>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.