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Human ACOT11 antibody

Catalog Number: AFA0903

PRODUCT INFORMATION

Catalog number
AFA0903

Clone No.
J4B2

Product type
Monoclonal Antibody

UnitProt No.
Q8WXI4

NCBI Accession No.
NP_671517

Alternative Names
thioesterase, adipose associated isoform BFIT2, acyl-CoA thioesterase 11, thioesterase, adipose associated, STARD14, BFIT, KIAA0707, BFIT1, THEM1, StAR-related lipid transfer (START) domain containing 14

PRODUCT SPECIFICATION

Antibody Host
Mouse

Reacts With
Human

Concentration
1mg/ml (determined by BCA assay)

Formulation
Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

Immunogen
Recombinant human ACOT11 (19-250aa) purified from E. coli

Isotype
IgG2b kappa

Purification Note
By protein-G affinity chromatography

Application
ELISA,WB,IHC

Usage
The antibody has been tested by ELISA, Western blot and IHC analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

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Storage

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

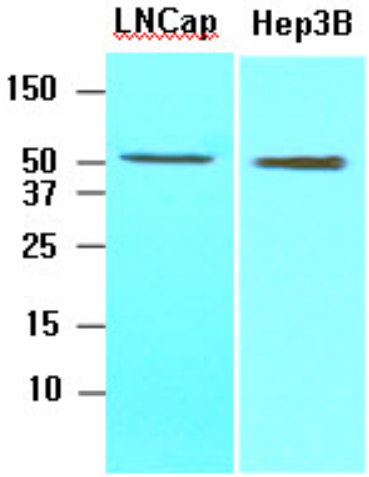
ACOT11 (Acyl-CoA thioesterase11), also known as BFIT, is a protein with acyl-CoA thioesterase activity towards medium (C12) and long-chain (C18) fatty acyl-CoA substrates. Expression of this protein in mouse has been associated with obesity and alternative splicing results in two transcript variants encoding different isoforms.

General References

S. H. Adams, et al: (2001) Biochem. J. 360, 135-142.

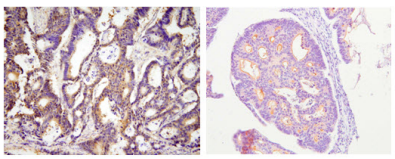
DATA

Western blot analysis (WB)



The cell lysates of LNCap, Hep3B (30ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human ACOT11 (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

Immunohistochemistry (IHC)



Human colon cancer tissue

Paraffin embedded sections of human colon cancer tissue were incubated with anti-human ACOT11 (1:100) for 2 hours at room temperature. Antigen retrieval was performed in 0.1M sodium citrate buffer and detected using Diaminobenzidine (DAB)