

Mouse anti-Human ACOT11 Monoclonal Antibody | anti-ACOT11 antibody

ACOT11 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48027	Mouse	Human	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

ACOT11; Monoclonal Antibody; ACOT11 antibody; thioesterase; adipose associated isoform BFIT2; acyl-CoA thioesterase 11; adipose associated; STARD14; BFIT; KIAA0707; BFIT1; THEM1; StAR-related lipid transfer (START) domain containing 14; anti-ACOT11 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	J4B2
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	594
Applicable Applications for anti-ACOT11 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human ACOT11 (19-250aa) purified from E. coli
Clone Note	Anti-human ACOT11 mAb, clone J4B2, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human ACOT11 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IHC (Immunohistochemistry)

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)



WB (Western Blot)

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.

ADDITIONAL INFORMATION

Related Product Information for anti-ACOT11 antibody	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.
Product Categories/Family for anti-ACOT11 antibody	Angiogenesis
References	S. H. Adams, et al: (2001) Biochem. J. 360, 135-142

NCBI AND UNIPROT INFORMATION

NCBI GI #	22165400
NCBI GeneID	26027
NCBI Accession #	NP_671517
NCBI GenBank Nucleotide #	NM_147161.3
UniProt Accession #	Q8WXI4; O75187; Q52LP1; Q53ER9; Q96DI1; Q9H883; B1AQ22; D3DQ50
Molecular Weight	67,152 Da
NCBI Official Full Name	acyl-coenzyme A thioesterase 11 isoform 2
NCBI Official Synonym Full Names	acyl-CoA thioesterase 11
NCBI Official Symbol	ACOT11
NCBI Official Synonym Symbols	BFIT; THEA; THEM1; STARD14
NCBI Protein Information	acyl-coenzyme A thioesterase 11
UniProt Protein Name	Acyl-coenzyme A thioesterase 11
UniProt Gene Name	ACOT11
UniProt Synonym Gene Names	BFIT; KIAA0707; THEA; Acyl-CoA thioesterase 11; BFIT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/acot11-antibody-clone-j4b2-immunohistochemistry-western-blot-elisa/48027>