

Product datasheet for **AM09010PU-N**

ACOT11 Mouse Monoclonal Antibody [Clone ID: J4B2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	J4B2
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Western blot: 1/500-1/2000. Immunohistochemistry: 1/50-1/100.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant human ACOT11 (19-250 aa) purified from E. coli
Specificity:	The antibody recognizes Human ACOT11. Other species not tested.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein-G affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	acyl-CoA thioesterase 11
Database Link:	Entrez Gene 26027 Human Q8WXI4

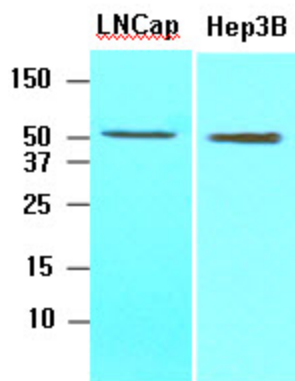


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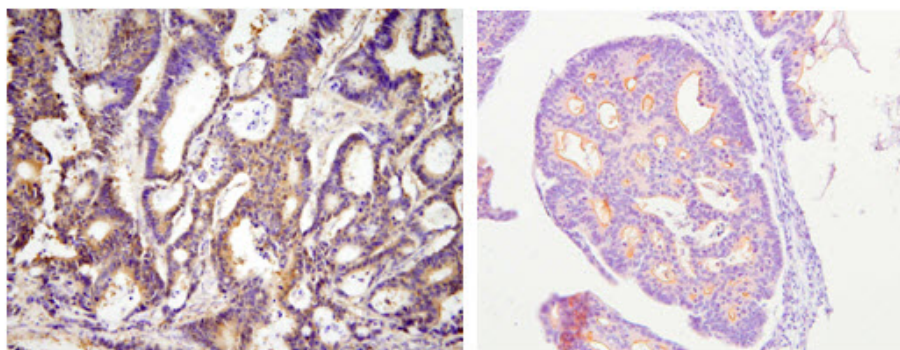
Background: ACOT11 (Acyl-CoA thioesterase11), also known as BFIT, is a protein with acyl-CoA thioesterase activity towards medium (C12) and long-chain (C18) fatty acyl-CoA substrates. Expression of this protein in mouse has been associated with obesity and alternative splicing results in two transcript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

Synonyms: KIAA0707, THEA, Acyl-CoA thioesterase 11

Product images:



Western blot analysis: Cell lysates of LNCap, Hep3B (30 ug) 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: 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 0.1 M sodium citrate buffer and detected using Diaminobenzidine (DAB).

Human colon cancer tissue