

32-5939: Mouse Anti Human Acyl-Coenzyme A Thioesterase 11(Clone:PJ4B2AT.)

Clonality :	Monoclonal
Clone Name :	PJ4B2AT.
Application :	ELISA,WB ,IHC
Gene :	ACOT11
Gene ID :	26027
Uniprot ID :	Q8WXI4
Format :	Purified
Alternative Name :	Acyl-coenzyme A thioesterase 11,Acyl-CoA thioesterase 11,Acyl-CoA thioester hydrolase 11,Brown fat-inducible thioesterase,BFIT,Adipose-associated thioesterase,ACOT11,BFIT,KIAA0707,THEA,BFIT1,BFIT2,THEM1,STARD14.
Isotype :	Mouse IgG2b heavy chain and ? light chain.
Immunogen Information :	Anti-human ACOT11 mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human ACOT11 amino acids 19-250 purified from E. coli.

Description

ACOT11 is a protein with acyl-CoA thioesterase activity towards medium (C12) and long-chain (C18) fatty acyl-CoA substrates. Expression of a similar murine protein in brown adipose tissue is induced by cold exposure and repressed by warmth. Expression of the mouse ACOT11 has been linked to obesity, with higher expression found in obesity-resistant mice compared with obesity-prone mice.

Product Info

Amount :	20 µg
Purification :	ACOT11 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

ACOT11 antibody has been tested by ELISA, Western blot and immunohistochemistry analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot is 1:500 ~ 1:2,000 and immunohistochemistry analysis is 1:50~100. Recommended starting dilution for Western blot is 1:1,000 and Immunohistochemistry is 1:100.