

For Research Use Only

ACOT11 Polyclonal antibody

Catalog Number: 10776-1-AP



Basic Information

Catalog Number: 10776-1-AP	GenBank Accession Number: BC001517	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop;	GeneID (NCBI): 26027	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8WXI4	
Isotype: IgG	Full Name: acyl-CoA thioesterase 11	
Immunogen Catalog Number: AG1176	Calculated MW: 68.4 kDa	
	Observed MW: 68-70 kDa	

Applications

Tested Applications: WB, IF, IHC, ELISA	Positive Controls: WB : DU 145 cells, PC-3 cells IHC : human prostate cancer tissue, IF : A431 cells, U2OS cells
Species Specificity: human, mouse, rat	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

ACOT11(Acyl-coenzyme A thioesterase 11) is also named as BFIT, KIAA0707, THEA.BFIT is mapped to syntenic regions of chromosomes 1 (human) and 4 (mouse) associated with body fatness and diet-induced obesity, potentially linking a deficit of BFIT activity with exacerbation of these traits and supports the transition of this tissue towards increased metabolic activity, probably through alteration of intracellular fatty acyl-CoA concentration(PMID:11696000).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

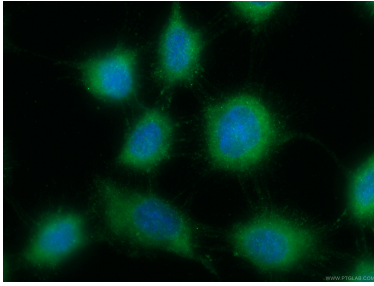
For technical support and original validation data for this product please contact:

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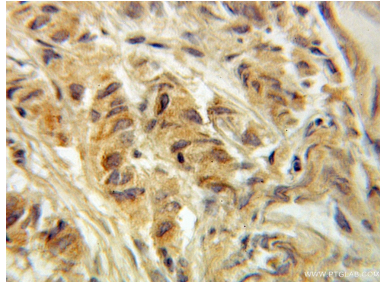
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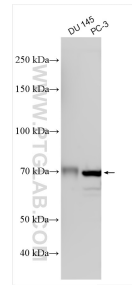
Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed A431 cells using 10776-1-AP (ACOT11 antibody), at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 10776-1-AP (ACOT11 antibody) at dilution of 1:100 (under 10x lens).



Various lysates were subjected to SDS PAGE followed by western blot with 10776-1-AP (ACOT11 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.