

For Research Use Only

# ACOT11 Polyclonal antibody

Catalog Number: 10776-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 10776-1-AP	<b>GenBank Accession Number:</b> BC001517	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 750 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 26027	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:20-1:200 IF/ICC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8WXI4	
<b>Isotype:</b> IgG	<b>Full Name:</b> acyl-CoA thioesterase 11	
<b>Immunogen Catalog Number:</b> AG1176	<b>Calculated MW:</b> 68.4 kDa	
	<b>Observed MW:</b> 68-70 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b> WB : DU 145 cells, PC-3 cells
<b>Cited Applications:</b> WB	<b>IHC :</b> human prostate cancer tissue,
<b>Species Specificity:</b> human, mouse, rat	<b>IF/ICC :</b> A431 cells, U2OS cells
<b>Cited Species:</b> human	

**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).

## Notable Publications

Author	Pubmed ID	Journal	Application
Xuwen Wang	39678889	J Thorac Dis	WB

## Storage

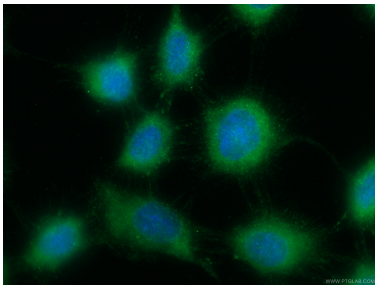
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

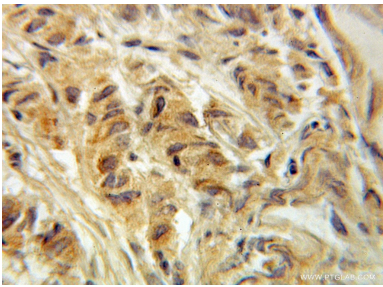
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

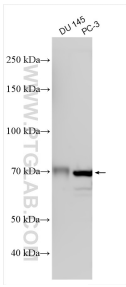
Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed A431 cells using 10776-1-AP (ACOT11 antibody), at dilution of 1:200 and CoraLite®488-Conjugated 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.