

For Research Use Only

ACOT11 Polyclonal antibody

Catalog Number: 10776-1-AP

1 Publications



Basic Information

Catalog Number:

10776-1-AP

Size:

750 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1176

GenBank Accession Number:

BC001517

GeneID (NCBI):

26027

UNIPROT ID:

Q8WXI4

Full Name:

acyl-CoA thioesterase 11

Calculated MW:

68.4 kDa

Observed MW:

68-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : DU 145 cells, PC-3 cells

IHC : human prostate cancer tissue,

IF/ICC : A431 cells, U2OS cells

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

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

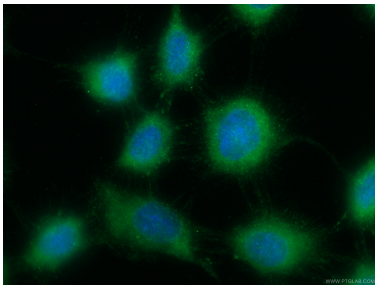
T: 4006900926

E: Proteintech-CN@ptglab.com

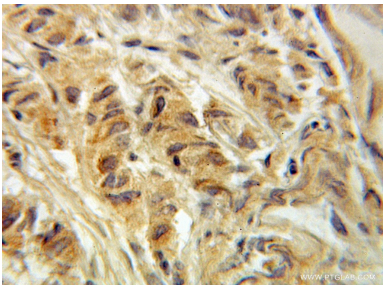
W: ptgcn.com

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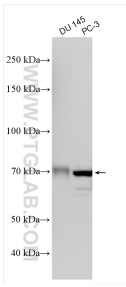
Selected Validation Data



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