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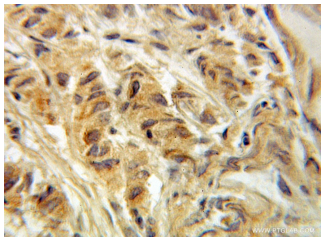
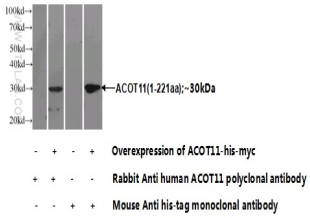
ACOT11 Polyclonal Antibody

Catalog number: 10776-1-AP
Size: 20 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
ACOT11; ACOT11, acyl CoA thioesterase 11, BFIT, BFIT1, BFIT2, KIAA0707, STARD14, THEA, THEM1



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



Transfected HEK-293 cells were subjected to SDS PAGE followed by western blot with 10776-1-AP(ACOT11 Antibody) at dilution of 1:1000

Background

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).

Applications

Tested applications:	**ELISA, IHC, WB**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Caculated ACOT11 MW:	**68.4 kDa**
Observed ACOT11 MW:	
Positive WB detected in	**Transfected HEK-293 cells**
Positive IHC detected in	**Human prostate cancer tissue**
Recommended dilution:	**WB: 1:500-1:5000**
	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag1176**
GenBank accession number:	**BC001517**
Gene ID (NCBI):	**26027**
Full name:	**Acyl-CoA thioesterase 11**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**