

For Research Use Only

ACOT9 Monoclonal antibody

Catalog Number: 66532-1-Ig **1 Publications**



Basic Information

Catalog Number: 66532-1-Ig	GenBank Accession Number: BC012573	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop and 640 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23597	CloneNo.: 3F10G5
Source: Mouse	UNIPROT ID: Q9Y305	Recommended Dilutions: WB 1:5000-1:20000 IHC 1:50-1:500
Isotype: IgG2b	Full Name: acyl-CoA thioesterase 9	
Immunogen Catalog Number: AG8884	Calculated MW: 24 kDa, 49 kDa	
	Observed MW: 43-50 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : HEK-293 cells, RAW 264.7 cells, Jurkat cells, HSC-T6 cells IHC : human colon cancer tissue,
Cited Applications: WB	
Species Specificity: Human, Rat, mouse	
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	

Background Information

ACOT9 (Acyl-coenzyme A thioesterase 9) is a member of the acyl-CoA thioesterase superfamily, which is a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH. ACOT9 has 4 isoforms with the molecular mass of 43-50 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Qifan Hu	37904651	Adv Sci (Weinh)	WB

Storage

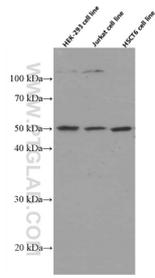
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

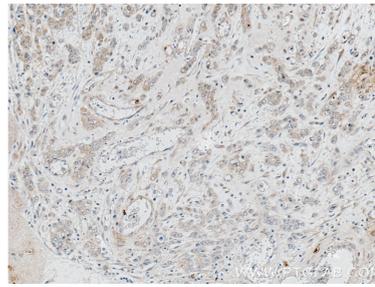
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

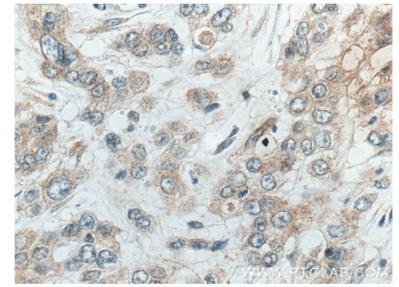
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66532-1-Ig (ACOT9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66532-1-Ig (ACOT9 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66532-1-Ig (ACOT9 antibody) at dilution of 1:200 (under 40x lens).