

For Research Use Only

MGAT1 Polyclonal antibody

Catalog Number: 15103-1-AP **8 Publications**



Basic Information

Catalog Number: 15103-1-AP	GenBank Accession Number: BC003575	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 4245	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:10-1:100
Source: Rabbit	UNIPROT ID: P26572	
Isotype: IgG	Full Name: mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N- acetylglucosaminyltransferase	
Immunogen Catalog Number: AG7446	Calculated MW: 39 kDa	
	Observed MW: 51-55 kDa	

Applications

Tested Applications: IF/ICC, IHC, WB, ELISA	Positive Controls: WB : Y79 cells, HepG2 cells
Cited Applications: WB, IF, IHC	IHC : human liver cancer tissue, human heart tissue, mouse heart tissue, mouse liver tissue
Species Specificity: human, mouse, rat	IF : HeLa cells,
Cited Species: human, rat, mouse	

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

Notable Publications

Author	Pubmed ID	Journal	Application
Kim H H Liss	32916011	Liver Transpl	WB
Luping Zheng	31600539	Microb Pathog	WB
Urita Atsushi A	21834068	Arthritis Rheum	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:

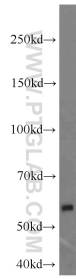
T: 4006900926

E: Proteintech-CN@ptglab.com

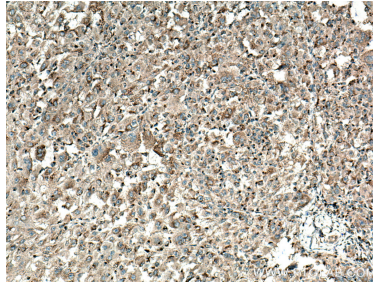
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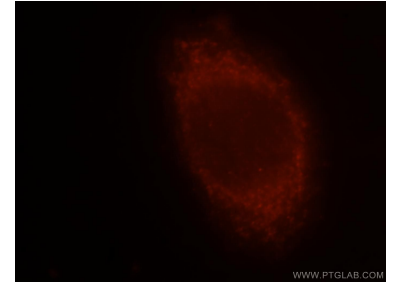
Selected Validation Data



Y79 cells were subjected to SDS PAGE followed by western blot with 15103-1-AP (MGAT1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15103-1-AP (MGAT1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HeLa cells, using MGAT1 antibody 15103-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).