

For Research Use Only

# MGAT1 Polyclonal antibody

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



## Basic Information

<b>Catalog Number:</b> 15103-1-AP	<b>GenBank Accession Number:</b> BC003575	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 500 µg/ml by Nanodrop and 347 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 4245	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500 IF 1:10-1:100
<b>Source:</b> Rabbit	<b>Full Name:</b> mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 39 kDa	
<b>Immunogen Catalog Number:</b> AG7446	<b>Observed MW:</b> 51-55 kDa	

## Applications

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

**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

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

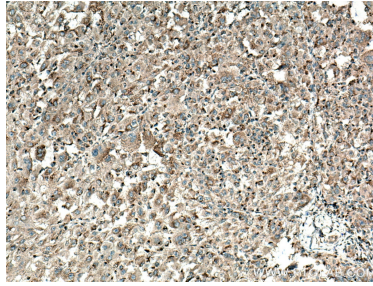
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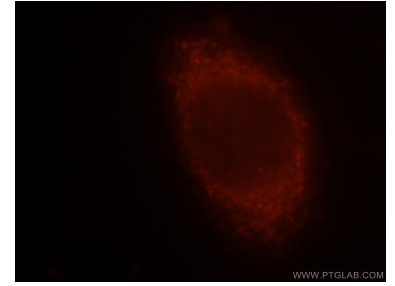
## Selected Validation Data



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).