

For Research Use Only

MGAT1 Polyclonal antibody

Catalog Number: 15103-1-AP

10 Publications



Basic Information

Catalog Number:

15103-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7446

GenBank Accession Number:

BC003575

GeneID (NCBI):

4245

UNIPROT ID:

P26572

Full Name:

mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase

Calculated MW:

39 kDa

Observed MW:

51-55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:2000

IHC: 1:50-1:500

IF/ICC: 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB: Y79 cells, HepG2 cells

IHC: human liver cancer tissue, human heart tissue, mouse heart tissue, mouse liver tissue

IF/ICC: HeLa cells,

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

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, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

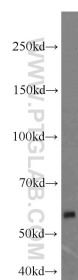
For technical support and original validation data for this product please contact:

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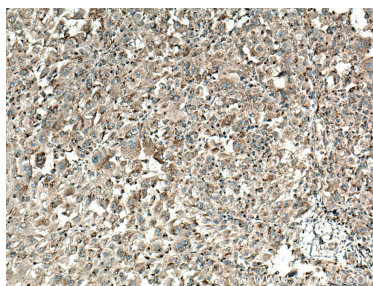
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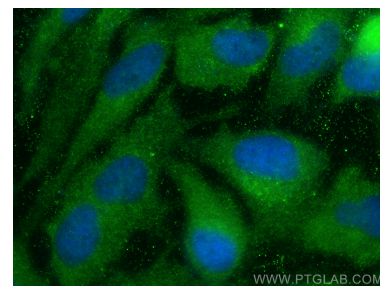
Selected Validation Data



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 (-20°C Ethanol) fixed HeLa cells using MGAT1 antibody (15103-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).