

# MGAT5B Polyclonal antibody

Catalog Number: 16993-1-AP

3 Publications

## Basic Information

## Catalog Number:

16993-1-AP

## Size:

400 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG10678

## GenBank Accession Number:

BC062354

## GeneID (NCBI):

146664

## UNIPROT ID:

Q3V5L5

## Full Name:

mannosyl (alpha-1,6-)-glycoprotein  
beta-1,6-N-acetyl-  
glucosaminyltransferase, isozyme B

## Calculated MW:

394 aa, 44 kDa, 89 kDa

## Observed MW:

89-100 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total  
protein lysate

IHC 1:50-1:500

IF/ICC 1:20-1:200

## Applications

## Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

## Cited Applications:

WB, IF, IHC

## Species Specificity:

human, rat, mouse

## Cited Species:

human, rat

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

## Positive Controls:

WB : HepG2 cells, Jurkat cells, SH-SY5Y cells, MCF-7  
cells

IP : Jurkat cells,

IHC : mouse brain tissue,

IF/ICC : HepG2 cells,

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
Jordyn M Kippe	26104473	Schizophr Res	WB
Kenichiro Nagai	37543361	J Biol Chem	WB, IF
Jia Liu	37335673	Medicine (Baltimore)	IHC

## 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

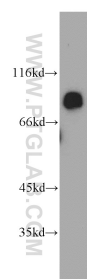
For technical support and original validation data for this product please contact:

T: 4006900926

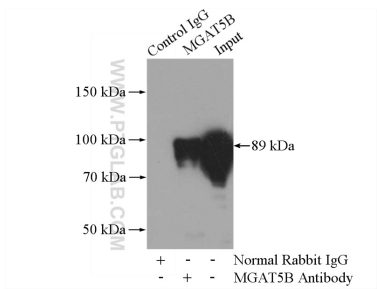
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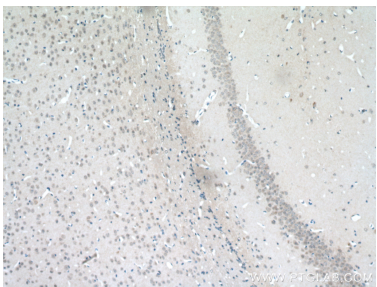
Selected Validation Data



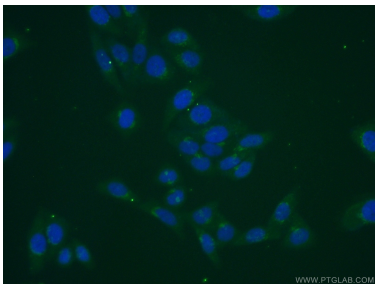
HepG2 cells were subjected to SDS PAGE followed by western blot with 16993-1-AP (MGAT5B antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-MGAT5B (IP:16993-1-AP, 4ug; Detection:16993-1-AP 1:700) with Jurkat cells lysate 3600ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 16993-1-AP (MGAT5B antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20℃ Ethanol) fixed HepG2 cells using 16993-1-AP (MGAT5B antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).