

For Research Use Only

MGAT5B Polyclonal antibody

Catalog Number: 16993-1-AP

3 Publications



Basic Information

Catalog Number:

16993-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 280 ug/ml by Bradford method using BSA as the standard;

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-acetylglucosaminyltransferase, 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 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, 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,

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, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

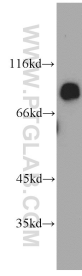
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

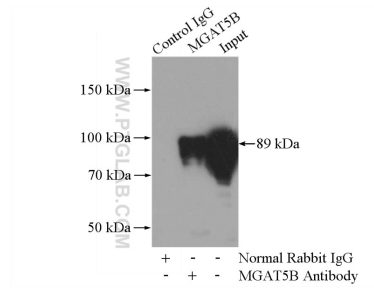
E: proteintech@ptglab.com
W: ptglab.com

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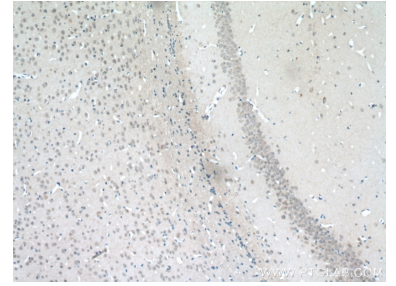
Selected Validation Data



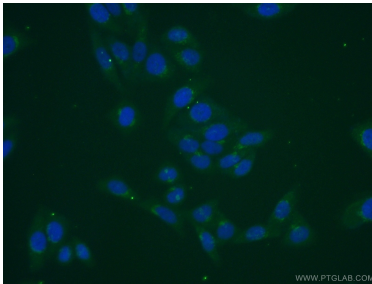
HepG2 cells were subjected to SDS PAGE followed by western blot with 16993-1-AP (MGAT5B antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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