



Rabbit Anti-MGAT5 antibody

SL5841R

Product Name:	MGAT5
Chinese Name:	glycoproteinGNTVA抗体
Alias:	6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A; 6-N-acetylglucosaminyltransferase; Alpha 1,3(6) mannosylglycoprotein; Alpha 1,6 mannosylglycoprotein 6 beta N acetylglucosaminyltransferase; Alpha mannoside beta 1,6 N acetylglucosaminyltransferase; Alpha mannoside beta 1,6 N acetylglucosaminyltransferase; Alpha- mannoside beta-1,6-N-acetylglucosaminyltransferase; Alpha-1; alpha-1,3(6)-mannosylglycoprotein; Alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase; Alpha-mannoside beta-1; alpha-mannoside beta-1,6-N-acetylglucosaminyltransferase; Beta 1,6 N acetylglucosaminyltransferase; beta-1,6-N-acetyl-glycosaminyltransferase; GGNT5; GlcNAc T V; GlcNAc-T V; GNT V; GNT VA; GNT-V; GNTV; GNTVA; Mannoside acetylglucosaminyltransferase 5; Mannosyl (alpha 1,6) glycoprotein beta 1,6 N acetylglucosaminyltransferase; mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetylglucosaminyltransferase; Mgat5; MGT5A_HUMAN; N acetylglucosaminyl transferase V; N acetylglucosaminyltransferase V mannosyl (alpha 1,6) glycoprotein; N-acetylglucosaminyl-transferase V; N-acetylglucosaminyltransferase V.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	85kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MGAT5:201-300/741
Lsotype:	IgG

Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>MGAT5 is a mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetylglucosaminyltransferase, a glycosyltransferase involved in the synthesis of protein-bound and lipid-bound oligosaccharides. Alterations of the oligosaccharides on cell surface glycoproteins cause significant changes in the adhesive or migratory behavior of a cell. Increase in the encoded protein's activity may correlate with the progression of invasive malignancies.</p> <p>Function: Catalyzes the addition of N-acetylglucosamine in beta 1-6 linkage to the alpha-linked mannose of biantennary N-linked oligosaccharides. It is one of the most important enzymes involved in the regulation of the biosynthesis of glycoprotein oligosaccharides.</p> <p>Subcellular Location: Golgi apparatus membrane; Single-pass type II membrane protein.</p> <p>Similarity: Belongs to the glycosyltransferase 18 family.</p> <p>SWISS: Q09328</p> <p>Gene ID: 4249</p> <p>Database links: Entrez Gene: 4249Human Entrez Gene: 107895Mouse Entrez Gene: 65271Rat Omim: 601774Human SwissProt: Q09328Human SwissProt: Q8R4G6Mouse SwissProt: Q08834Rat Unigene: 651869Human Unigene: 214682Mouse</p>

[Unigene: 391592](#)Mouse

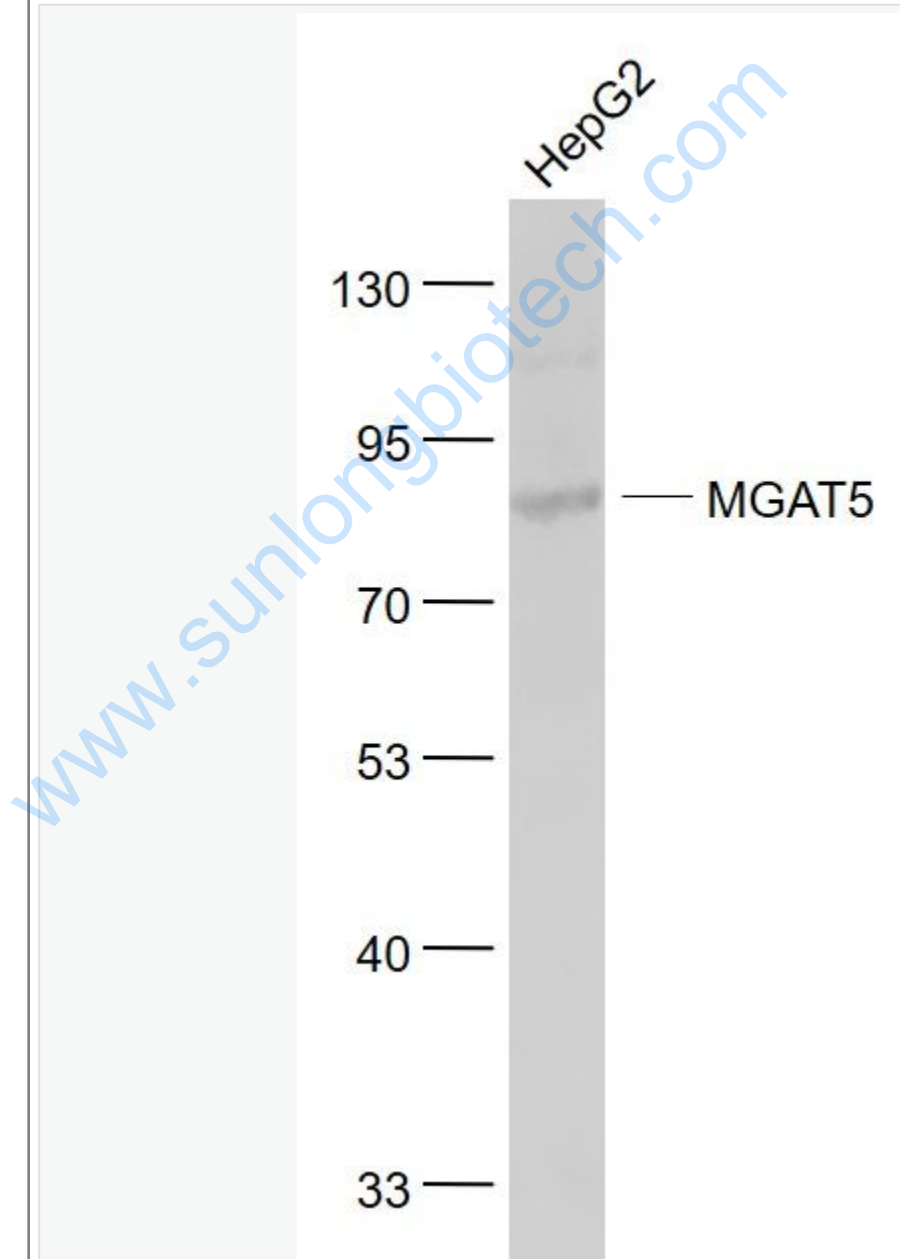
[Unigene: 472488](#)Mouse

[Unigene: 53998](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

HepG2(Human) Cell Lysate at 30 ug

Primary: Anti- MGAT5 (SL5841R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 85 kD

Observed band size: 85 kD

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