

Rabbit anti-Human MGAT5 Polyclonal Antibody | anti-MGAT5 antibody

MGAT5 Antibody (C-term)

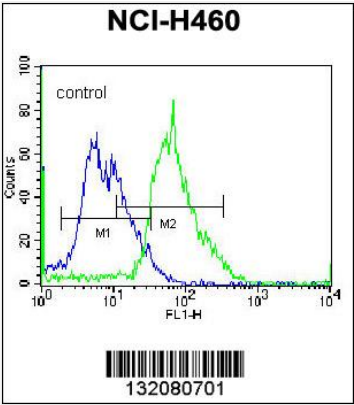
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285313	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

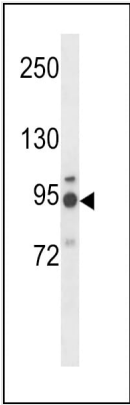
MGAT5; Polyclonal Antibody; MGAT5 Antibody (C-term); Alpha-1; 6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A; Alpha-mannoside beta-1; 6-N-acetylglucosaminyltransferase; GlcNAc-T V; GNT-V; Mannoside acetylglucosaminyltransferase 5; N-acetylglucosaminyl-transferase V; GGNT5; anti-MGAT5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MGAT5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 652-680 amino acids from the C-terminal region of human MGAT5.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	652-680
Sequence Length	741
Applicable Applications for anti-MGAT5 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
MGAT5 Antibody (C-term) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
MGAT5 Antibody (C-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the MGAT5 antibody detected the MGAT5 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MGAT5 antibody	This gene encodes mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-glucosaminyltransferase, 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.
Product Categories/Family for anti-MGAT5 antibody	Cancer; Signal Transduction
References	Dick, D.M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (6), 1179-1188 (2010) : Brynedal, B., et al. J. Neuroimmunol. 220 (1-2), 120-124 (2010) : Benson, V., et al. Int. Immunol. 22(3):167-177(2010) Wang, C., et al. J. Cell. Biochem. 109(1):113-123(2010) Ding, H., et al. Stroke 41(1):177-180(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505167
NCBI GeneID	4249
NCBI Accession #	NP_002401.1
NCBI GenBank Nucleotide #	NM_002410.4
UniProt Accession #	Q09328; D3DP70
Molecular Weight	84543
NCBI Official Full Name	alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A
NCBI Official Synonym Full Names	mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-glucosaminyltransferase
NCBI Official Symbol	MGAT5
NCBI Official Synonym Symbols	GNT-V; GNT-VA
NCBI Protein Information	alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A
UniProt Protein Name	Alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A

UniProt Gene Name	MGAT5
UniProt Synonym Gene Names	GGNT5; GNT-V
UniProt Entry Name	MGT5A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mgat5-antibody-flow-cytometry-western-blot-elisa/285313>