

Goat MGAT1 Polyclonal Antibody | anti-MGAT1 antibody

Goat anti-MGAT1 Antibody

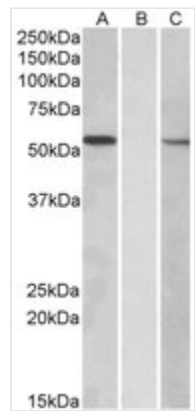
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61541	Goat	Tested: HumanExpected from sequence similarity: Human, Mouse, Rat, Dog, Cow	Western Blot, ELISA

PRODUCT SYNONYMS

MGAT1; Polyclonal Antibody; Goat anti-MGAT1 Antibody; mannosyl (alpha-1; 3-)-glycoprotein beta-1; 2-N-acetylglucosaminyltransferase; GLCNAC-TI; GLCT1; GLYT1; GNT-1; GNT-I; MGAT; N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase; OTTHUMP00000161546; GLCNAC-TI antibody; GLCT1 antibody; GLYT1 antibody; GNT-1 antibody; GNT-I antibody; 2-N-acetylglucosaminyltransferase antibody; MGAT antibody; N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase antibody; OTTHUMP00000161546 antibody; MGAT1 antibody; anti-MGAT1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence Length	445
Applicable Applications for anti-MGAT1 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-QVEKVRTNDR, from the internal region of the protein sequence according to NP_002397.2.
Epitope	Internal region
Note	Reported variants represent identical protein: NP_002397.2, NP_001108090.1, NP_001108091.1, NP_001108092.1, NP_001108089.1.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



WB (Western Blot)
HEK293 lysate (10ug protein in RIPA buffer) over expressing Human MGAT1 with C-terminal MYC tag probed with AAA61541 (1ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167857778
NCBI GeneID	4245
NCBI Accession #	NP_002397.2
NCBI GenBank Nucleotide #	NM_002406.3
NCBI Official Full Name	alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase
NCBI Official Synonym Full Names	mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase
NCBI Official Symbol	MGAT1
NCBI Official Synonym Symbols	GnTI; MGAT; GLCT1; GLYT1; GNT-1; GNT-I; GLCNAC-TI
NCBI Protein Information	alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase
UniProt Protein Name	Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase
UniProt Gene Name	MGAT1
UniProt Synonym Gene Names	GGNT1; GLCT1; GLYT1; MGAT; GNT-I; GlcNAc-T I
UniProt Entry Name	MGAT1_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.