# 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** |

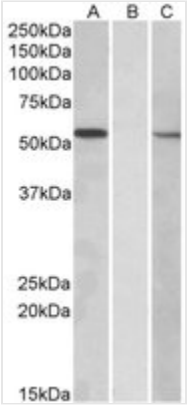
## PRODUCT SYNONYMS

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<br>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. |

## IMAGES




**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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/mgat1-antibody-western-blot-peptide-elisa-elisa/61541