# Rabbit POMGNT1 Polyclonal Antibody | anti-POMGNT1 antibody

POMGNT1 Polyclonal Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA311708** | **Rabbit** | **Human, Mouse, Rat** | **Immunohistochemistry, Western Blot** |

## PRODUCT SYNONYMS

POMGNT1; Polyclonal Antibody; POMGNT1 Polyclonal Antibody; GNTI.2; GnT I.2; LGMD2O; MEB; MGAT1.2; RP76; gnT-I.2; GnTI.2; protein O-linked-mannose beta-1; 2-N-acetylglucosaminyltransferase 1; anti-POMGNT1 antibody

## PRODUCT SPECIFICATIONS

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|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Purity/Purification** | Affinity purification |
| **Form/Format** | PBS with 50% glycerol, pH7.4 |
| **Applicable Applications for anti-POMGNT1 antibody** | IHC (Immunohistochemistry), WB (Western Blot) |
| **Immunogen** | Recombinant fusion protein of human POMGNT1 (NP_060209.3). |
| **Conjugation** | Unconjugated |
| **Preparation and Storage** | Store at -20 degree C. Avoid freeze/thaw cycles. |

## IMAGES



**IHC (Immunohistochemisry)**
Immunohistochemistry of paraffin-embedded human liver damage using POMGNT1 antibody.



**IHC (Immunohiostchemistry)**
Immunohistochemistry of paraffin-embedded human prostate using POMGNT1 antibody.



**WB (Western Blot)**
Western blot analysis of extracts of various cell lines, using POMGNT1 antibody.

## ADDITIONAL INFORMATION

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| **Related Product Information for anti-POMGNT1 antibody** | This gene encodes a type II transmembrane protein that resides in the Golgi apparatus. It participates in O-mannosyl glycosylation and is specific for alpha linked terminal mannose. Mutations in this gene may be associated with muscle-eye-brain disease and several congenital muscular dystrophies. Alternatively spliced transcript variants that encode different protein isoforms have been described. |

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|---|---|
| **Product Categories/Family for anti-POMGNT1 antibody** | Total protein Ab |

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 210147552 |
| **NCBI GeneID** | 55624 |
| **NCBI Accession #** | NP_060209.3 |
| **NCBI GenBank Nucleotide #** | NM_017739.3 |
| **UniProt Accession #** | Q8WZA1; Q5VST2; Q9BV55; Q9H9L8; Q9NXF9; Q9NYF7; D3DQ16; Q5VST3; Q68CV6 |
| **Molecular Weight** | 75,252 Da |
| **NCBI Official Full Name** | protein O-linked-mannose beta-1,2-N-acetylglucosaminyltransferase 1 |
| **NCBI Official Synonym Full Names** | protein O-linked mannose beta1,2-N-acetylglucosaminyltransferase |
| **NCBI Official Symbol** | POMGNT1 |
| **NCBI Official Synonym Symbols** | MEB; GNTI.2; MDDGA3; MDDGB3; MDDGC3; MGAT1.2; FLJ20277; DKFZp761B182 |
| **NCBI Protein Information** | protein O-linked-mannose beta-1,2-N-acetylglucosaminyltransferase 1; gnT I.2; OTTHUMP00000008901; OTTHUMP00000008902; UDP-GlcNAc:alpha-D-mannoside beta-1,2-N-acetylglucosaminyltransferase I.2 |
| **UniProt Protein Name** | Protein O-linked-mannose beta-1,2-N-acetylglucosaminyltransferase 1 |
| **UniProt Gene Name** | **POMGNT1** |
| **UniProt Synonym Gene Names** | MGAT1.2; POMGnT1; GnT I.2 |
| **UniProt Entry Name** | PMGT1_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://stage.aaabiotech.com/polyclonal/pomgnt1-antibody-immunohistochemistry-western-blot-elisa/311708