

# Rabbit anti-Human, Mouse MGAT3 Polyclonal Antibody | anti-MGAT3 antibody

MGAT3 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA234618 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot, ELISA |

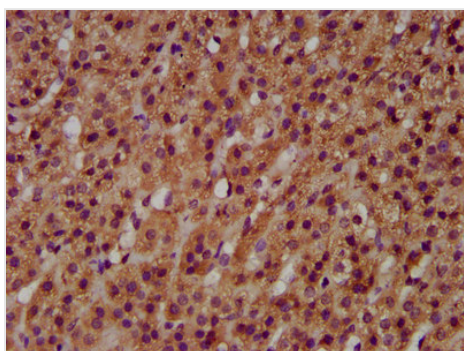
## PRODUCT SYNONYMS

MGAT3; Polyclonal Antibody; MGAT3 Antibody; Beta-1; 4-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase; N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase III; GNT-III; GlcNAc-T III; N-acetylglucosaminyltransferase III; GGNT3; anti-MGAT3 antibody

## PRODUCT SPECIFICATIONS

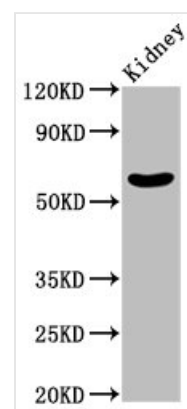
|                                                 |                                                                                                              |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                       |
| Reactivity                                      | Human, Mouse                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                   |
| Isotype                                         | IgG                                                                                                          |
| Purity/Purification                             | >95%, Protein G purified                                                                                     |
| Form/Format                                     | Liquid                                                                                                       |
| Sequence Length                                 | 533                                                                                                          |
| Applicable Applications for anti-MGAT3 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                         |
| Immunogen                                       | Recombinant Human Beta-1, 4-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase protein (435-533AA) |
| Conjugation                                     | Non-conjugated                                                                                               |
| Buffer                                          | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4                             |
| Preparation and Storage                         | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                                  |

## IMAGES



### IHC (Immunohistochemistry)

IHC image of AAA234618 diluted at 1:600 and staining in paraffin-embedded human adrenal gland tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



### WB (Western Blot)

Western BlotPositive WB detected in: Mouse kidney tissueAll lanes: MGAT3 antibody at 2.35ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 62 KDaObserved band size: 62 KDa

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MGAT3 antibody | It is involved in the regulation of the biosynthesis and biological function of glycoprotein oligosaccharides. Catalyzes the addition of N-acetylglucosamine in beta 1-4 linkage to the beta-linked mannose of the trimannosyl core of N-linked sugar chains. It is one of the most important enzymes involved in the regulation of the biosynthesis of glycoprotein oligosaccharides. |
| Product Categories/Family for anti-MGAT3 antibody   | <a href="#">Tags &amp; Cell Markers</a>                                                                                                                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">148539890</a>                                                                                                  |
| NCBI GeneID                      | <a href="#">4248</a>                                                                                                       |
| NCBI Accession #                 | <a href="#">NP_001091740.1</a>                                                                                             |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001098270.1</a>                                                                                             |
| UniProt Accession #              | <a href="#">Q09327</a> ; <a href="#">Q14CK5</a> ; <a href="#">Q6IC49</a> ; <a href="#">Q9UH32</a> ; <a href="#">A6NGD0</a> |
| Molecular Weight                 | 61,313 Da                                                                                                                  |
| NCBI Official Full Name          | beta-1,4-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase                                                      |
| NCBI Official Synonym Full Names | mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase                                                 |
| NCBI Official Symbol             | MGAT3                                                                                                                      |
| NCBI Official Synonym Symbols    | GNT3; GNT-III                                                                                                              |
| NCBI Protein Information         | beta-1,4-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase                                                      |
| UniProt Protein Name             | Beta-1,4-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase                                                      |
| UniProt Gene Name                | <b>MGAT3</b>                                                                                                               |
| UniProt Synonym Gene Names       | GGNT3; GNT-III; GlcNAc-T III; N-acetylglucosaminyltransferase III                                                          |

**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/mgat3-antibody-immunohistochemistry-western-blot-elisa/234618>