

## Rabbit anti-Human B3GAT1 Polyclonal Antibody | anti-B3GAT1 antibody

B3GAT1 Antibody (N-term)

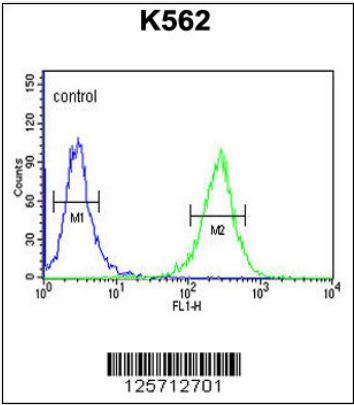
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                          |
|-----------|--------|------------|-------------------------------------------------------|
| AAA285871 | Rabbit | Human      | Flow Cytometry, Functional Assay, ELISA, Western Blot |

### PRODUCT SYNONYMS

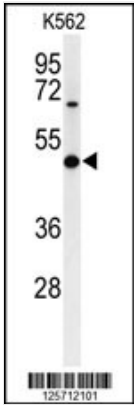
B3GAT1; Polyclonal Antibody; B3GAT1 Antibody (N-term); Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1; Beta-1; 3-glucuronyltransferase 1; Glucuronosyltransferase P; GlcAT-P; UDP-GlcUA:glycoprotein beta-1; 3-glucuronyltransferase; GlcUAT-P; GLCATP; anti-B3GAT1 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                              |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                       |
| Reactivity                                       | Human                                                                                                                                                                        |
| Clonality                                        | Polyclonal                                                                                                                                                                   |
| Isotype                                          | Rabbit Ig                                                                                                                                                                    |
| Specificity                                      | This B3GAT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 21-48 amino acids from the N-terminal region of human B3GAT1.       |
| 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                               | 21-48                                                                                                                                                                        |
| Sequence Length                                  | 334                                                                                                                                                                          |
| Applicable Applications for anti-B3GAT1 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)**  
B3GAT1 Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**WB (Western Blot)**  
Western blot analysis of B3GAT1 Antibody (N-term) in K562 cell line lysates (35ug/lane). B3GAT1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-B3GAT1 antibody | The protein encoded by this gene is a member of the glucuronyltransferase gene family. These enzymes exhibit strict acceptor specificity, recognizing nonreducing terminal sugars and their anomeric linkages. This gene product functions as the key enzyme in a glucuronyl transfer reaction during the biosynthesis of the carbohydrate epitope HNK-1 (human natural killer-1, also known as CD57 and LEU7). |
| Product Categories/Family for anti-B3GAT1 antibody   | Immunology                                                                                                                                                                                                                                                                                                                                                                                                      |
| References                                           | Petrovas, C., et al. J. Immunol. 183(2):1120-1132(2009)<br>Saito, A., et al. J. Hum. Genet. 54(6):317-323(2009)<br>Chong, L.K., et al. Eur. J. Immunol. 38(4):995-1000(2008)<br>Casado, J.G., et al. Tumour Biol. 29(5):304-310(2008)                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                     |
|----------------------------------|---------------------------------------------------------------------|
| NCBI GI #                        | 77695914                                                            |
| NCBI GeneID                      | 27087                                                               |
| NCBI Accession #                 | NP_061114.2; NP_473366.1                                            |
| NCBI GenBank Nucleotide #        | NM_018644.3                                                         |
| UniProt Accession #              | Q9P2W7; Q96FS7                                                      |
| Molecular Weight                 | 38256                                                               |
| NCBI Official Full Name          | galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1 |
| NCBI Official Synonym Full Names | beta-1,3-glucuronyltransferase 1                                    |
| NCBI Official Symbol             | B3GAT1                                                              |
| NCBI Official Synonym Symbols    | NK1; CD57; HNK1; LEU7; NK-1; GLCATP; GLCUATP                        |
| NCBI Protein Information         | galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1 |
| UniProt Protein Name             | Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1 |
| UniProt Gene Name                | B3GAT1                                                              |
| UniProt Synonym Gene Names       | GLCATP; GlcAT-P; GlcUAT-P                                           |

**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/b3gat1-antibody-flow-cytometry-western-blot-elisa/285871>