

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

B3GAT1 Antibody (N-term)

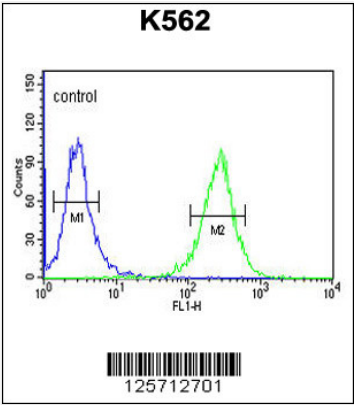
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285871	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

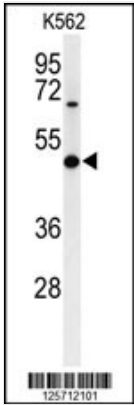
B3GAT1; Polyclonal Antibody; B3GAT1 Antibody (N-term); Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1; Beta-1; 3-glucuronyltransferase 1; Glucuronosyltransferase P; GlcAT-P; UDP-GlcUA:glycoprotein beta-1; 3-glucuronyltransferase; GlcUAT-P; GLCATP; anti-B3GAT1 antibody

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) Saito, A., et al. J. Hum. Genet. 54(6):317-323(2009) Chong, L.K., et al. Eur. J. Immunol. 38(4):995-1000(2008) 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://www.aaabiotech.com/polyclonal/b3gat1-antibody-flow-cytometry-western-blot-elisa/285871>