

Rabbit anti-Human, mouse B3GNT4 Polyclonal Antibody | anti-B3GNT4 antibody

B3GNT4 Antibody (Center)

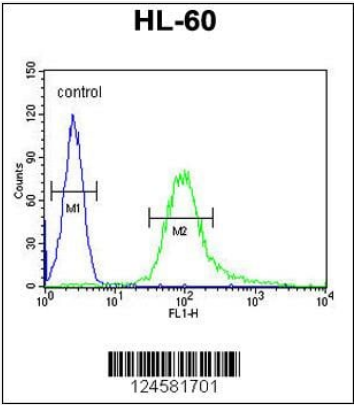
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285998	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

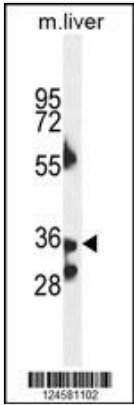
B3GNT4; Polyclonal Antibody; B3GNT4 Antibody (Center); N-acetyllactosaminide beta-1; 3-N-acetylglucosaminyltransferase 4; UDP-GlcNAc:betaGal beta-1; BGnT-4; Beta-1; 3-Gn-T4; Beta3Gn-T4; anti-B3GNT4 antibody

PRODUCT SPECIFICATIONS

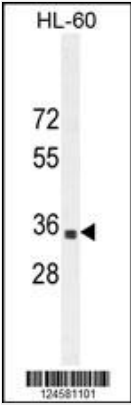
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This B3GNT4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 233-260 amino acids from the Central region of human B3GNT4.
Purity/Purification	Peptide Affinity Purified Rabbit 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	233-260
Sequence Length	378
Applicable Applications for anti-B3GNT4 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)
B3GNT4 Antibody (Center) flow cytometric analysis of HL-60 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)
B3GNT4 Antibody (Center) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the B3GNT4 antibody detected the B3GNT4 protein (arrow).



WB (Western Blot)
B3GNT4 Antibody (Center) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the B3GNT4 antibody detected the B3GNT4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-B3GNT4 antibody	This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase protein family. The encoded enzyme is involved in the biosynthesis of poly-N-acetyllactosamine chains and prefers lacto-N-neotetraose as a substrate. It is a type II transmembrane protein. [provided by RefSeq].
References	Shiraishi, N., et al. J. Biol. Chem. 276(5):3498-3507(2001) Amado, M., et al. Biochim. Biophys. Acta 1473(1):35-53(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13540527
NCBI GeneID	79369
NCBI Accession #	NP_110392.1
NCBI GenBank Nucleotide #	NM_030765.2
UniProt Accession #	Q9C0J1; Q8N5W4; Q8N934; Q8ND21; Q8WWR5; Q8WY02; Q96QH5
Molecular Weight	42310

NCBI Official Full Name	N-acetylglucosaminide beta-1,3-N-acetylglucosaminyltransferase 4
NCBI Official Synonym Full Names	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 4
NCBI Official Symbol	B3GNT4
NCBI Official Synonym Symbols	B3GN-T4; beta3Gn-T4
NCBI Protein Information	N-acetylglucosaminide beta-1,3-N-acetylglucosaminyltransferase 4
UniProt Protein Name	N-acetylglucosaminide beta-1,3-N-acetylglucosaminyltransferase 4
UniProt Gene Name	B3GNT4
UniProt Synonym Gene Names	BGnT-4; Beta-1,3-Gn-T4; Beta-1,3-N-acetylglucosaminyltransferase 4; Beta3Gn-T4
UniProt Entry Name	B3GN4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/b3gnt4-antibody-flow-cytometry-western-blot-elisa/285998>