

Rabbit B3GNT1 Polyclonal Antibody | anti-B3GNT1 antibody

B3GNT1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289703	Rabbit	Human (Predicted Reactivity: Bovine)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

B3GNT1; Polyclonal Antibody; B3GNT1 Antibody (C-term); Beta-1; 4-glucuronyltransferase 1; 241-; I-beta-1; 3-N-acetylglucosaminyltransferase; iGnT; N-acetyllactosaminide beta-1; Poly-N-acetyllactosamine extension enzyme; UDP-GlcNAc:betaGal beta-1; 3-N-acetylglucosaminyltransferase 1; B3GNT1 HGNC:15685); anti-B3GNT1 antibody

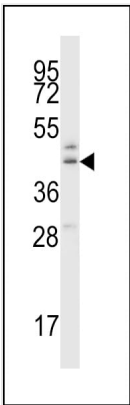
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This B3GNT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 366-394 amino acids from the C-terminal region of human B3GNT1.
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: 0.45 (varies by lot)
Sequence Positions	366-394
Sequence Length	415
Applicable Applications for anti-B3GNT1 antibody	IHC (Immunohistochemistry), 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.

IMAGES



IHC (Immunohiostchemistry)
B3GNT1 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of B3GNT1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
B3GNT1 Antibody (C-term) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the B3GNT1 antibody detected the B3GNT1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-B3GNT1 antibody	This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzyme is a type II transmembrane protein. It is essential for the synthesis of poly-N-acetyllactosamine, a determinant for the blood group i antigen.
Product Categories/Family for anti-B3GNT1 antibody	Metabolism; Signal Transduction
References	Bao, X., et al. Proc. Natl. Acad. Sci. U.S.A. 106(29):12109-12114(2009) Lee, P.L., et al. Glycobiology 19(6):655-664(2009) Sasaki, K., et al. Proc. Natl. Acad. Sci. U.S.A. 94(26):14294-14299(1997)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5802984
NCBI GeneID	11041
NCBI Accession #	NP_006867.1
NCBI GenBank Nucleotide #	NM_006876.2
UniProt Accession #	O43505; Q4TTN0
Molecular Weight	47119
NCBI Official Full Name	beta-1,4-glucuronyltransferase 1
NCBI Official Synonym Full Names	beta-1,4-glucuronyltransferase 1
NCBI Official Symbol	B4GAT1
NCBI Official Synonym Symbols	iGAT; iGNT; B3GNT1; B3GNT6; B3GN-T1; MDDGA13; BETA3GNTI
NCBI Protein Information	beta-1,4-glucuronyltransferase 1
UniProt Protein Name	Beta-1,4-glucuronyltransferase 1
UniProt Gene Name	B4GAT1
UniProt Synonym Gene Names	iGnT

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/b3gnt1-antibody-immunohistochemistry-western-blot-elisa/289703>