

Rabbit anti-Human B4GALNT3 Polyclonal Antibody | anti-B4GALNT3 antibody

B4GALNT3 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283761	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

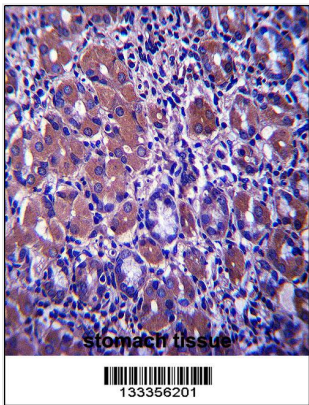
PRODUCT SYNONYMS

B4GALNT3; Polyclonal Antibody; B4GALNT3 Antibody (Center); Beta-1; 4-N-acetylgalactosaminyltransferase 3; B4GalNAcT3; Beta4GalNAc-T3; Beta4GalNAcT3; 4-N-acetylgalactosaminyltransferase III; N-acetyl-beta-glucosaminyl-glycoprotein 4-beta-N-acetylgalactosaminyltransferase 2; NGalNAc-T2; anti-B4GALNT3 antibody

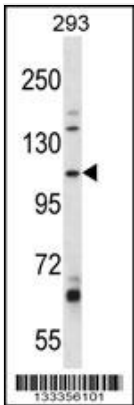
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This B4GALNT3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 555-584 amino acids from the Central region of human B4GALNT3.
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: 0.26 (varies by lot)
Sequence Positions	555-584
Sequence Length	998
Applicable Applications for anti-B4GALNT3 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)
B4GALNT3 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of B4GALNT3 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
B4GALNT3 Antibody (Center) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the B4GALNT3 antibody detected the B4GALNT3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-B4GALNT3 antibody	B4GALNT3 transfers N-acetylgalactosamine (GalNAc) onto glucosyl residues to form N,N-prime-diacetyllactosediamine (LacdiNAc, or LDN), a unique terminal structure of cell surface N-glycans (Ikehara et al., 2006 [PubMed 16728562]).[supplied by OMIM].
References	Rose, J. Phd, et al. Mol. Med. (2010) In press : Arking, D.E., et al. PLoS ONE 5 (3), E9879 (2010) : Miller, E., et al. J. Biol. Chem. 283(4):1985-1991(2008) Huang, J., et al. Mol. Cancer Res. 5(6):543-552(2007) Ikehara, Y., et al. Glycobiology 16(9):777-785(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	71043500
NCBI GeneID	283358
NCBI Accession #	NP_775864.3
NCBI GenBank Nucleotide #	NM_173593.3
UniProt Accession #	Q6L9W6; Q6ZNC1; Q8N7T6
Molecular Weight	114975
NCBI Official Full Name	beta-1,4-N-acetylgalactosaminyltransferase 3
NCBI Official Synonym Full Names	beta-1,4-N-acetyl-galactosaminyl transferase 3
NCBI Official Symbol	B4GALNT3
NCBI Protein Information	beta-1,4-N-acetylgalactosaminyltransferase 3
UniProt Protein Name	Beta-1,4-N-acetylgalactosaminyltransferase 3
UniProt Gene Name	B4GALNT3
UniProt Synonym Gene Names	B4GalNAcT3; Beta4GalNAc-T3; Beta4GalNAcT3; NGalNAc-T2
UniProt Entry Name	B4GN3_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/b4galnt3-antibody-immunohistochemistry-western-blot-elisa/283761>