

Rabbit anti-Human B3GNT6 Polyclonal Antibody | anti-B3GNT6 antibody

B3GNT6 Antibody

CATALOG # AAA235015	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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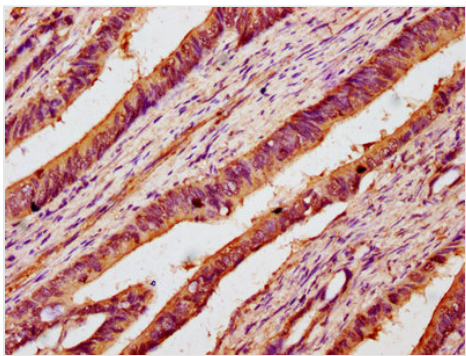
PRODUCT SYNONYMS

B3GNT6; Polyclonal Antibody; B3GNT6 Antibody; Acetylgalactosaminyl-O-glycosyl-glycoprotein beta-1; 3-N-acetylglucosaminyltransferase; Core 3 synthase; UDP-GlcNAc:betaGal beta-1; 3-N-acetylglucosaminyltransferase 6; BGnT-6; Beta-1; 3-Gn-T6; Beta3Gn-T6; anti-B3GNT6 antibody

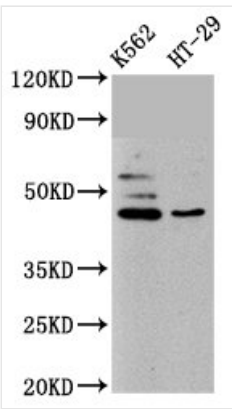
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	384
Applicable Applications for anti-B3GNT6 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Acetylgalactosaminyl-O-glycosyl-glycoprotein beta-1, 3-N-acetylglucosaminyltransferase protein (251-345AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
IHC image of AAA235015 diluted at 1:100 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)
Western BlotPositive WB detected in: K562 whole cell lysate, HT-29 whole cell lysateAll lanes: B3GNT6 antibody at 10ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 43, 30 KDaObserved band size: 43 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-B3GNT6 antibody	Beta-1, 3-N-acetylglucosaminyltransferase that synthesizes the core 3 structure of the O-glycan, an important precursor in the biosynthesis of mucin-type glycoproteins. Plays an important role in the synthesis of mucin-type O-glycans in digestive organs.
Product Categories/Family for anti-B3GNT6 antibody	Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	118918426
NCBI GeneID	192134
NCBI Accession #	NP_619651.3
NCBI GenBank Nucleotide #	NM_138706.4
UniProt Accession #	Q6ZMB0; Q6ZSC5; Q8TAZ4; Q8TDX1; E9PKS1
Molecular Weight	42,785 Da
NCBI Official Full Name	acetylgalactosaminyl-O-glycosyl-glycoprotein beta-1,3-N-acetylglucosaminyltransferase
NCBI Official Synonym Full Names	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 6
NCBI Official Symbol	B3GNT6
NCBI Official Synonym Symbols	BGnT-6; B3Gn-T6; beta3Gn-T6; beta-1,3-Gn-T6
NCBI Protein Information	acetylgalactosaminyl-O-glycosyl-glycoprotein beta-1,3-N-acetylglucosaminyltransferase
UniProt Protein Name	Acetylgalactosaminyl-O-glycosyl-glycoprotein beta-1,3-N-acetylglucosaminyltransferase
UniProt Gene Name	B3GNT6
UniProt Synonym Gene Names	BGnT-6; Beta-1,3-Gn-T6; Beta-1,3-N-acetylglucosaminyltransferase 6; Beta3Gn-T6

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.