

Rabbit anti-Human B3GNT5 Polyclonal Antibody | anti-B3GNT5 antibody

B3GNT5 Antibody

CATALOG # AAA119662	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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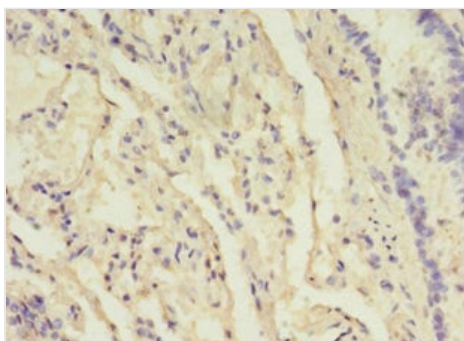
PRODUCT SYNONYMS

B3GNT5; Polyclonal Antibody; B3GNT5 Antibody; Lactosylceramide 1; 3-N-acetyl-beta-D-glucosaminyltransferase; Lactotriaosylceramide synthase; Lc(3)Cer synthase; Lc3 synthase; UDP-GlcNAc:beta-Gal beta-1; 3-N-acetylglucosaminyltransferase 5; BGnT-5; Beta-1; 3-Gn-T5; Beta3Gn-T5; anti-B3GNT5 antibody

PRODUCT SPECIFICATIONS

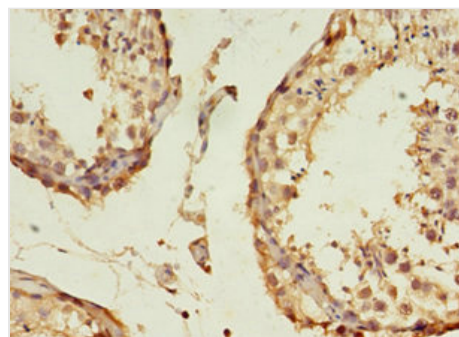
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	378
Applicable Applications for anti-B3GNT5 antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Lactosylceramide 1,3-N-acetyl-beta-D-glucosaminyltransferase protein
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung using AAA119662 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis using AAA119662 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-B3GNT5 antibody	Beta-1,3-N-acetylglucosaminyltransferase that plays a key role in the synthesis of lacto- or neolacto-series carbohydrate chains on glycolipids, notably by participating in biosynthesis of HNK-1 and Lewis X carbohydrate structures. Has strong activity toward lactosylceramide (LacCer) and neolactotetraosylceramide (nLc4Cer; paragloboside), resulting in the synthesis of Lc3Cer and neolactopentaosylceramide (nLc5Cer), respectively. Probably plays a central role in regulating neolacto-series glycolipid synthesis during embryonic development.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14042986
NCBI GeneID	84002
NCBI Accession #	NP_114436.1
NCBI GenBank Nucleotide #	NM_032047.4
UniProt Accession #	Q9BYG0; Q59FE3; Q7L9Z5; Q8WWP9; D3DNS5
Molecular Weight	44,053 Da
NCBI Official Full Name	lactosylceramide 1,3-N-acetyl-beta-D-glucosaminyltransferase
NCBI Official Synonym Full Names	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 5
NCBI Official Symbol	B3GNT5
NCBI Official Synonym Symbols	B3GN-T5; beta3Gn-T5
NCBI Protein Information	lactosylceramide 1,3-N-acetyl-beta-D-glucosaminyltransferase
UniProt Protein Name	Lactosylceramide 1,3-N-acetyl-beta-D-glucosaminyltransferase
UniProt Gene Name	B3GNT5
UniProt Synonym Gene Names	Lc(3)Cer synthase; Lc3 synthase; BGnT-5; Beta-1,3-Gn-T5; Beta-1,3-N-acetylglucosaminyltransferase 5; Beta3Gn-T5
UniProt Entry Name	B3GN5_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/b3gnt5-antibody-immunohistochemistry-elisa/119662>