

Rabbit B3GALNT1 Polyclonal Antibody | anti-B3GALNT1 antibody

B3GALNT1 Polyclonal Antibody

CATALOG # AAA311558	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

B3GALNT1; Polyclonal Antibody; B3GALNT1 Polyclonal Antibody; B3GALT3; GLCT3; GLOB; Gb4Cer; P; P1; beta3Gal-T3; galT3; UDP-GalNAc:beta-1; 3-N-acetylgalactosaminyltransferase 1; anti-B3GALNT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Sequence Length	331
Applicable Applications for anti-B3GALNT1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human B3GALNT1 (NP_003772.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using B3GALNT1 antibody.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using B3GALNT1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-B3GALNT1 antibody	This gene is a member of the beta-1, 3-galactosyltransferase (beta3GalT) gene family. This family encodes type II membrane-bound glycoproteins with diverse enzymatic functions using different donor substrates (UDP-galactose and UDP-N-acetylglucosamine) and different acceptor sugars (N-acetylglucosamine, galactose, N-acetylgalactosamine). The beta3GalT genes are distantly related to the Drosophila Brainiac gene and have the protein coding sequence contained in a single exon. The beta3GalT proteins also contain conserved sequences not found in the beta4GalT or alpha3GalT proteins. The carbohydrate chains synthesized by these enzymes are designated as type 1, whereas beta4GalT enzymes synthesize type 2 carbohydrate chains. The ratio of type 1:type 2 chains changes during embryogenesis. By sequence similarity, the beta3GalT genes fall into at least two groups: beta3GalT4 and 4 other beta3GalT genes (beta3GalT1-3, beta3GalT5). The encoded protein of this gene does not use N-acetylglucosamine as an acceptor sugar at all.
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Product Categories/Family for anti-B3GALNT1 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502343
NCBI GeneID	8706
NCBI Accession #	NP_003772.1
NCBI GenBank Nucleotide #	NP_003772.1
UniProt Accession #	O75752
Molecular Weight	45kDa
NCBI Official Full Name	UDP-GalNAc:beta-1,3-N-acetylgalactosaminyltransferase 1 isoform b
NCBI Official Synonym Full Names	beta-1,3-N-acetylgalactosaminyltransferase 1 (globoside blood group)
NCBI Official Symbol	B3GALNT1
NCBI Official Synonym Symbols	P; P1; GLOB; GLCT3; galT3; Gb4Cer; B3GALT3; beta3Gal-T3
NCBI Protein Information	UDP-GalNAc:beta-1,3-N-acetylgalactosaminyltransferase 1
UniProt Protein Name	UDP-GalNAc:beta-1,3-N-acetylgalactosaminyltransferase 1
UniProt Gene Name	B3GALNT1
UniProt Synonym Gene Names	B3GALT3; UNQ531/PRO1074; Beta-1,3-GalNAc-T1; Beta-1,3-GalTase 3; Beta3Gal-T3; Beta3GalT3; b3Gal-T3
UniProt Entry Name	B3GL1_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://stage.aaabiotech.com/polyclonal/b3galnt1-antibody-immunofluorescence-western-blot-elisa/311558>