

Rabbit anti-Human B3GALT6 Polyclonal Antibody | anti-B3GALT6 antibody

B3GALT6 Antibody (C-term)

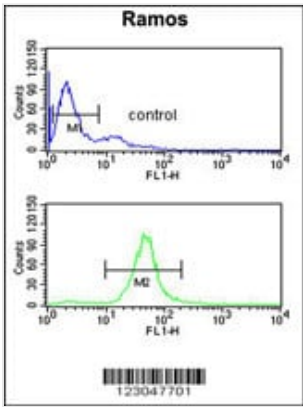
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287142	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

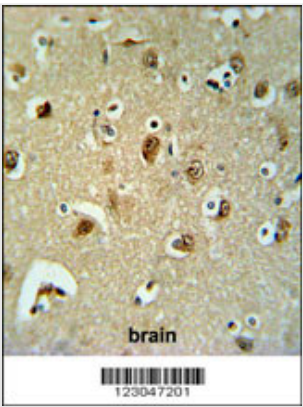
B3GALT6; Polyclonal Antibody; B3GALT6 Antibody (C-term); Beta-1; 3-galactosyltransferase 6; 3-GalTase 6; Beta3Gal-T6; Beta3GalT6; GAG GalTII; Galactosyltransferase II; Galactosylxylosylprotein 3-beta-galactosyltransferase; UDP-Gal:betaGal beta 1; 3-galactosyltransferase polypeptide 6; anti-B3GALT6 antibody

PRODUCT SPECIFICATIONS

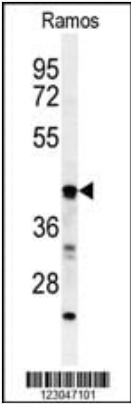
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This B3GALT6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 241-269 amino acids from the C-terminal region of human B3GALT6.
Purity/Purification	Peptide Affinity Purified Rabbit 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.
Sequence Positions	241-269
Sequence Length	329
Applicable Applications for anti-B3GALT6 antibody	FCM/FACS (Flow Cytometry), 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.



FCM/FACS (Flow Cytometry)
B3GALT6 Antibody (C-term) flow cytometric analysis of Ramos cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
B3GALT6 Antibody (C-term) in Ramos cell line lysates (35ug/lane).B3GALT6 (arrow) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the B3GALT6 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of B3GALT6 Antibody (C-term) in Ramos cell line lysates (35ug/lane).B3GALT6 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-B3GALT6 antibody	B3GALT6, Beta-1,3-galactosyltransferase that transfers galactose from UDP-galactose to substrates with a terminal beta-linked galactose residue. B3GALT6 has a preference for galactose-beta-1,4-xylose that is found in the linker region of glycosaminoglycans, such as heparan sulfate and chondroitin sulfate. B3GALT6 has no activity towards substrates with terminal glucosamine or galactosamine residues.
References	Bai, X., et al. J. Biol. Chem. 276(51):48189-48195(2001) Zhou, D., et al. Proc. Natl. Acad. Sci. U.S.A. 96(2):406-411(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	116268097
NCBI GeneID	126792
NCBI Accession #	NP_542172.2
NCBI GenBank Nucleotide #	NM_080605.3
UniProt Accession #	Q96L58; Q5T7M5
Molecular Weight	37138

NCBI Official Full Name	beta-1,3-galactosyltransferase 6
NCBI Official Synonym Full Names	UDP-Gal:betaGal beta 1,3-galactosyltransferase polypeptide 6
NCBI Official Symbol	B3GALT6
NCBI Official Synonym Symbols	EDSP2; SEMDJL1; beta3GalT6
NCBI Protein Information	beta-1,3-galactosyltransferase 6
UniProt Protein Name	Beta-1,3-galactosyltransferase 6
UniProt Gene Name	B3GALT6
UniProt Synonym Gene Names	Beta-1,3-GalTase 6; Beta3Gal-T6; Beta3GalT6
UniProt Entry Name	B3GT6_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/b3galt6-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287142>