

B3GALT6 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5011b**Specification**

B3GALT6 Antibody (C-term) - Product Information

| | |
|-------------------|------------------------|
| Application | WB, IHC-P, FC,E |
| Primary Accession | Q96L58 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Antigen Region | 241-269 |

B3GALT6 Antibody (C-term) - Additional Information**Gene ID** 126792**Other Names**

Beta-1, 3-galactosyltransferase 6, Beta-1, 3-GalTase 6, Beta3Gal-T6, Beta3GalT6, GAG GalTII, Galactosyltransferase II, Galactosylxylosylprotein 3-beta-galactosyltransferase, UDP-Gal:betaGal beta 1, 3-galactosyltransferase polypeptide 6, B3GALT6

Target/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.

Dilution

WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

B3GALT6 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

B3GALT6 Antibody (C-term) - Protein Information**Name** B3GALT6

Function Beta-1,3-galactosyltransferase that transfers galactose from UDP-galactose to substrates with a terminal beta-linked galactose residue. 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. Has no activity towards substrates with terminal glucosamine or galactosamine residues.

Cellular Location

Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein

Tissue Location

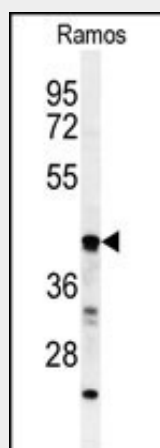
Ubiquitous..

B3GALT6 Antibody (C-term) - Protocols

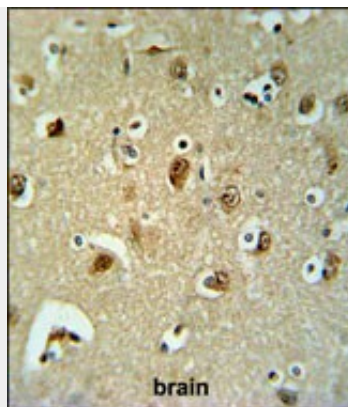
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

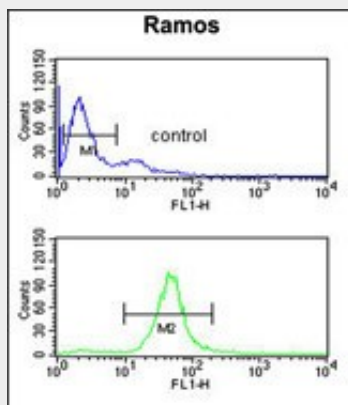
B3GALT6 Antibody (C-term) - Images



Western blot analysis of B3GALT6 Antibody (C-term) (Cat. #AP5011b) in Ramos cell line lysates (35ug/lane). B3GALT6 (arrow) was detected using the purified Pab.



B3GALT6 Antibody (C-term) (Cat. #AP5011b) 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.



B3GALT6 Antibody (C-term) (Cat. #AP5011b) 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.

B3GALT6 Antibody (C-term) - Background

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.

B3GALT6 Antibody (C-term) - 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)