10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

B3GALT6 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5011b

Specification

B3GALT6 Antibody (C-term) - Product Information

Application	**FC, IHC-P, WB,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
FC~~1:10~50
IHC-P~~1:50~100
WB~~1:1000
E~~Use at an assay dependent concentration.

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

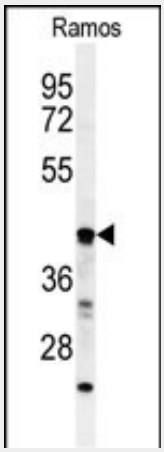
Tissue Location
Ubiquitous..

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 Cytomety
- 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.

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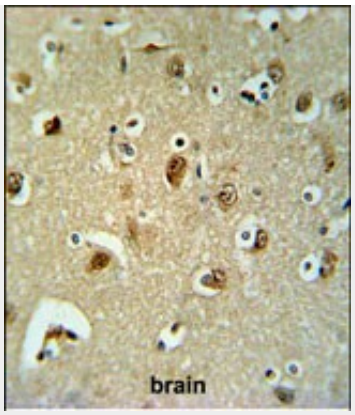
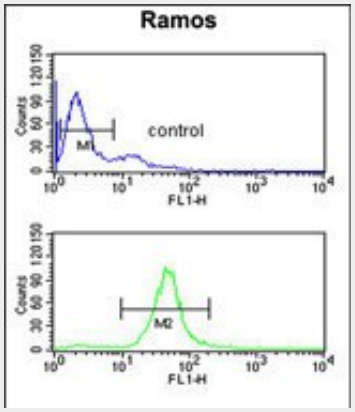


B3GALT6 Antibody (C-term) (Cat. #AP5011b) in Ramos cell line lysates (35ug/lane).B3GALT6 (arrow)) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the B3GALT6 Antibody (C-term) 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)