

B3GNT6 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9886c**Specification**

B3GNT6 Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q6ZMB0
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	42748
Antigen Region	146-173

B3GNT6 Antibody (Center) - Additional Information**Gene ID** 192134**Other Names**

UDP-GlcNAc:betaGal beta-1, 3-N-acetylglucosaminyltransferase 6, BGnT-6, Beta-1, 3-Gn-T6, Beta-1, 3-N-acetylglucosaminyltransferase 6, Beta3Gn-T6, 241-, Core 3 synthase, B3GNT6

Target/Specificity

This B3GNT6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 146-173 amino acids from the Central region of human B3GNT6.

Dilution

WB~~1:1000

IHC-P~~1:50~100

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

B3GNT6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

B3GNT6 Antibody (Center) - Protein Information**Name** B3GNT6**Function** Beta-1,3-N-acetylglucosaminyltransferase that synthesizes the core 3 structure of the

O-glycan, an important precursor in the biosynthesis of mucin-type glycoproteins. Plays an important role in the synthesis of mucin-type O-glycans in digestive organs.

Cellular Location

Golgi apparatus membrane; Single-pass type II membrane protein

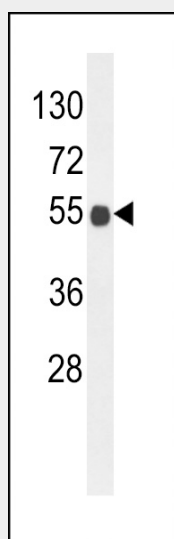
Tissue Location

Present in stomach and colon (at protein level). Restricted in the stomach, colon and small intestine, where core 3 structure is present.

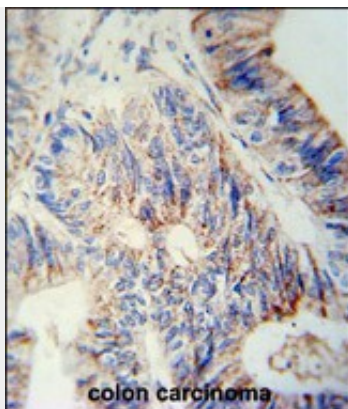
B3GNT6 Antibody (Center) - Protocols

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](#)

B3GNT6 Antibody (Center) - Images

Western blot analysis of B3GNT6 Antibody (Center) (Cat. #AP9886c) in mouse brain tissue lysates (35ug/lane). B3GNT6 (arrow) was detected using the purified Pab.



B3GNT6 Antibody (Center) (Cat. #AP9886c) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the B3GNT6 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

B3GNT6 Antibody (Center) - References

- Lee, S.H., et al. J. Biol. Chem. 284(25):17157-17169(2009)
Iwai, T., et al. Proc. Natl. Acad. Sci. U.S.A. 102(12):4572-4577(2005)
Iwai, T., et al. J. Biol. Chem. 277(15):12802-12809(2002)