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B4GALT3 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP8977c

Specification

B4GALT3 Antibody (Center) Blocking Peptide - Product Information

Primary Accession O60512

B4GALT3 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 8703

Other Names
Beta-1, 4-galactosyltransferase 3, Beta-1, 4-GalTase 3, Beta4Gal-T3, b4Gal-T3, 241-, UDP-Gal:beta-GlcNAc beta-1, 4-galactosyltransferase 3, UDP-galactose:beta-N-acetylglucosamine beta-1, 4-galactosyltransferase 3, N-acetyllactosamine synthase, Nal synthase, Beta-N-acetylglucosaminylglycopeptide beta-1, 4-galactosyltransferase, Beta-N-acetylglucosaminyl-glycolipid beta-1, 4-galactosyltransferase, 241-, B4GALT3

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP8977c was selected from the Center region of human B4GALT3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

B4GALT3 Antibody (Center) Blocking Peptide - Background

B4GALT3 is responsible for the synthesis of complex-type N-linked oligosaccharides in many glycoproteins as well as the carbohydrate moieties of glycolipids.

B4GALT3 Antibody (Center) Blocking Peptide - References

Amado M., et.al., Biochim. Biophys. Acta 1473:35-53(1999).

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

B4GALT3 Antibody (Center) Blocking Peptide - Protein Information

Name B4GALT3 (HGNC:926)

Function
Responsible for the synthesis of complex-type N-linked oligosaccharides in many glycoproteins as well as the carbohydrate moieties of glycolipids.

Cellular Location
Golgi apparatus, Golgi stack membrane; Single- pass type II membrane protein. Note=Trans cisternae of Golgi stack

Tissue Location
Found in various tissues. Highest expression in placenta, prostate, testis, ovary, intestine and muscle, and in fetal brain.

B4GALT3 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides