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B3GAT2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10471c

Specification

B3GAT2 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q9NPZ5
Other Accession	Q9Z137, P59270, NP_542780.1
Reactivity	**Human, Mouse**
Predicted	**Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**36919**
Antigen Region	**123-150**

B3GAT2 Antibody (Center) - Additional Information

Gene ID 135152

Other Names
Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 2, Beta-1, 3-glucuronyltransferase 2, GlcAT-D, UDP-glucuronosyltransferase S, GlcAT-S, Glucuronosyltransferase S, B3GAT2, GLCATS, KIAA1963

Target/Specificity
This B3GAT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 123-150 amino acids from the Central region of human B3GAT2.

Dilution
WB~~1:1000

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
B3GAT2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

B3GAT2 Antibody (Center) - Protein Information

Name B3GAT2

Synonyms GLCATS, KIAA1963

Function Involved in the biosynthesis of L2/HNK-1 carbohydrate epitope on both glycolipids and glycoproteins.

Cellular Location
Golgi apparatus membrane; Single-pass type II membrane protein

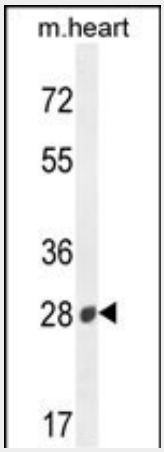
Tissue Location
Expressed in the trachea, retina, spinal cord, hippocampus and other brain regions, and, at lower levels, in testis and ovary

B3GAT2 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 Cytomety
- Cell Culture

B3GAT2 Antibody (Center) - Images



B3GAT2 Antibody (Center) (Cat. #AP10471c) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the B3GAT2 antibody detected the B3GAT2 protein (arrow).

B3GAT2 Antibody (Center) - Background

The product of this gene is a transmembrane protein belonging to the glucuronyltransferase family, and catalyzes the transfer of a beta-1,3 linked glucuronic acid to a terminal galactose in different glycoproteins or glycolipids containing a Gal-beta-1-4GlcNAc or Gal-beta-1-3GlcNAc residue. The encoded protein is involved in the synthesis of the human natural killer-1 (HNK-1) carbohydrate epitope, a sulfated trisaccharide implicated in cellular migration and adhesion in the nervous system. [provided

by RefSeq].

B3GAT2 Antibody (Center) - References

Bailey, S.D., et al. Diabetes Care (2010) In press :
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Shiba, T., et al. Proteins 65(2):499-508(2006)
Kakuda, S., et al. Glycobiology 15(2):203-210(2005)
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