

**B4GALNT2 polyclonal antibody**

Catalog: BS32923

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

N-acetylneuraminylgalactosylglucosyl-glucoside beta-1,4-N-acetylglactosaminyltransferase 2: Beta-1,4 N-acetylglactosaminyltransferase involved in the biosynthesis of Sd(a) histo-blood group antigen. Catalyzes the transfer of N-acetylglactosamine (GalNAc) group in a beta-1,4-linkage from UDP-GalNAc to the galactose residue of NeuAcalpha2->3Gal-R to form Sd(a) glycan epitope GalNAcbeta1->4(NeuAcalpha2->3)Gal-R. The Sd(a) epitope is carried in O- and N-linked glycoproteins and glycolipids, including O-linked core 1 structures on GYPA/glycophorin, SLC4A1 and SLC29A1 in erythrocytes, N-linked glycans attached to the Tamm-Horsfall glycoprotein UMOD/uromodulin in renal fluids, O-linked core 3 glycans on mucins in colon and neolactosides in gastric mucosa. Confers protection against influenza A virus strains that attach to NeuAcalpha2->3-carrying host receptors. Modifies N-glycan chains on host receptors and prevents virus entry into cells

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~63.3 kDa

Swiss-Prot:

Q8NHY0

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of B4GALNT2 protein

DATA:

Western blot analysis of ANT2 expression in A549 (A), PC12 (B) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151