ST3GAL6 polyclonal antibody

Catalog: BS34736 Host: Rabbit Reactivity: Human, Mouse, Rat

BackGround:

Type 2 lactosamine alpha-2,3-sialyltransferase: Transfers the sialyl residue from CMP-N-acetyl-beta-neuraminate to the terminal galactose residue on sugar chains of glycoproteins and glycolipids . Its alpha-2,3-sialyltransferase activity is specific toward type II glycan chains (Gal-beta1-4GlcNAc) on glycoproteins and glycolipids such as neolactosides nLc4Cer and nLc6Cer, whose sialyl-products serve as precursors for the Lewis X antigen . Critically involved in the synthesis of functional selectin ligands needed for neutrophil recruitment during inflammation and lymphocyte homing to the lymph nodes (By similarity)

Product:

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

Molecular Weight:

~38.2 kDa

Swiss-Prot:

Q9Y274

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

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

Specificity:

Recognizes endogenous levels of ST3GAL6 protein

DATA:

Western blot analysis of ATF2 expression in Hela (A), MCF7 (B), SP20 (C), rat brain (D) whole cell lysates.

Immunohistochemical analysis of ATF2 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

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

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