

B3GALT6 polyclonal antibody

Catalog: BS60590

Host: Rabbit

Reactivity: Human, Rat

BackGround:

β -1,3-Gal-T6 (beta-1,3-galactosyltransferase 6), also known as galactosyltransferase II or GAG GalTII, is a 329 amino acid protein belonging to the glycosyltransferase 31 family. β -1,3-Gal-T6 is involved in several glycan metabolism pathways. With manganese as a cofactor, β -1,3-Gal-T6 catalyzes the transfer of galactose from UDP-galactose to substrates with a terminal beta-linked galactose residue. β -1,3-Gal-T6 has a preference for galactose-beta-1,4-xylose found in the linker region of chondroitin sulfate, heparan sulfate and other glycosaminoglycans, but does not have activity towards substrates with terminal galactosamine or glucosamine residues. Ubiquitously expressed, β -1,3-Gal-T6 is a single-pass type II membrane protein localized to the Golgi stack membrane.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 37 kDa

Swiss-Prot:

Q96L58

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

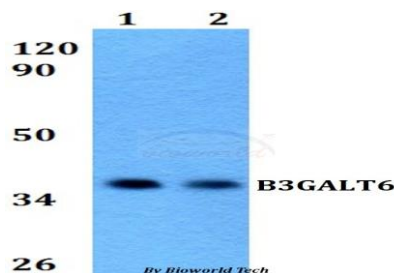
WB: 1:500~1:1000

Storage&Stability:

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

Specificity:

B3GALT6 polyclonal antibody detects endogenous levels of B3GALT6 protein.

DATA:

Western blot (WB) analysis of B3GALT6 polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate

Lane2:PC12 whole cell lysate

Note:

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

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