

**B4GALNT4 polyclonal antibody**

Catalog: BS33523

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

N-acetyl-beta-glucosaminyl-glycoprotein
4-beta-N-acetylgalactosaminyltransferase 1: Transfers N-acetylgalactosamine (GalNAc) from UDP-GalNAc to N-acetylglucosamine-beta-benzyl with a beta-1,4-linkage to form N,N'-diacetylglucosamine, GalNAc-beta-1,4-GlcNAc structures in N-linked glycans and probably O-linked glycans

Product:

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

Molecular Weight:

~117 kDa

Swiss-Prot:

Q76KP1

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 B4GALNT4 protein

DATA:

Western blot analysis of EGFR (Phospho-Y1016) expression in Hela (A), H1792 (B), H460 (C) whole cell lysates.

Immunohistochemical analysis of EGFR (Phospho-Y1016) staining in human prostate 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.

Immunofluorescent analysis of EGFR (Phospho-Y1016) staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Note:

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

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