

CHST9 polyclonal antibody

Catalog: BS30995

Host: Rabbit

Reactivity: Human

BackGround:

Carbohydrate sulfotransferase 9: Catalyzes the transfer of sulfate from 3'-phosphoadenylyl sulfate (PAPS) to position 4 of non-reducing N-acetylgalactosamine (GalNAc) residues in both N-glycans and O-glycans. Transfers sulfate to the C-4 hydroxyl of terminal beta-1,4-linked GalNAc in the sequence GalNAc-beta-1,4GlcNAc-beta-R found on N-linked oligosaccharides and to the nonterminal beta-1,4-linked GalNAc in chondroitin and dermatan. Required for biosynthesis of glycoprotein hormones lutropin and thyrotropin, by mediating sulfation of their carbohydrate structures

Product:

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

Molecular Weight:

~52.1 kDa

Swiss-Prot:

Q7L1S5

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/2000), IHC (1/50 - 1/200), IF/ICC (1/50 - 1/100)

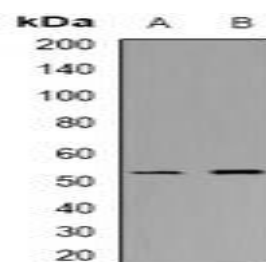
Storage&Stability:

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

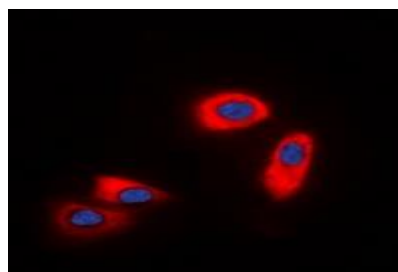
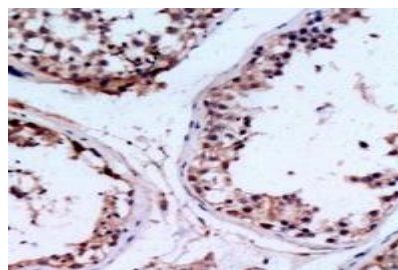
Specificity:

Recognizes endogenous levels of CHST9 protein.

DATA:



Western blot analysis of EGFR expression in HepG2 (A), PC3 (B) whole cell lysates.



Immunofluorescent analysis of EGFR staining in MCF7 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 AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Note:

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

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