

CHST6 polyclonal antibody

Catalog: BS61148

Host: Rabbit

Reactivity: Human,Rat

BackGround:

Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs and xenobiotic compounds. These enzymes differ in their tissue distributions and substrate specificities, although the gene structure (number and length of exons) is similar among family members. Carbohydrate sulfotransferase 5 (CHST5) (also referred to as GlcNAc6ST-3 or IGn6ST) and carbohydrate sulfotransferase 6 (CHST6) (also referred to as GlcNAc6ST-5 or Cgn6ST) are predominantly expressed in the intestine and cornea, respectively. They are highly homologous and both are orthologs of the murine CHST5. CHST5 and CHST6 may be the result of gene duplication. They catalyze the transfer of sulfate to position 6 of non-reducing N-acetylglucosamine (GlcNAc) residues. CHST5 preferably mediates the sulfation of short carbohydrates and O-linked sugars of mucin-type acceptors. CHST6 mediates the sulfation of keratan in the cornea, which is important in maintaining corneal transparency.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 52kDa

Swiss-Prot:

Q9GZX3

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

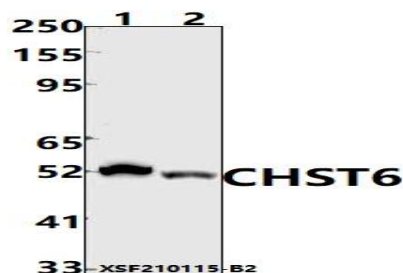
Storage&Stability:

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

Specificity:

CHST6 polyclonal antibody detects endogenous levels of CHST6 protein.

DATA:



Western blot (WB) analysis of CHST6 pAb at 1:500 dilution

Lane1:U-87MG whole cell lysate(40ug)

Lane2:The spinal cord tissue lysate of Rat(40ug)

Note:

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

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