

CSGALNACT1 polyclonal antibody

Catalog: BS65189

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

catalytic activity:UDP-N-acetyl-D-galactosamine + beta-D-glucuronyl-(1->3)-D-galactosyl-proteoglycan = UDP + N-acetyl-D-galactosaminyl-(1->4)-beta-D-glucuronyl-(1->3)-beta-D-galactosylproteoglycan.,function:Transfers 1,4-N-acetylgalactosamine (GalNAc) from UDP-GalNAc to the non-reducing end of glucuronic acid (GlcUA). Required for addition of the first GalNAc to the core tetrasaccharide linker and for elongation of chondroitin chains. Important role in chondroitin chain biosynthesis in cartilage.,online information:Chondroitin beta-1,4-N-acetylgalactosaminyltransferase 1,online information:GlycoGene database,PTM:N-glycosylated.,similarity:Belongs to the chondroitin N-acetylgalactosaminyltransferase family.,tissue specificity:Ubiquitous, with the highest levels in placenta, thyroid, bladder, prostate and adrenal gland. Detected at low levels in the other tissues examined.,

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Molecular Weight:

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Swiss-Prot:

Q8TDX6

Purification&Purity:

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

munogen.

Applications:

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

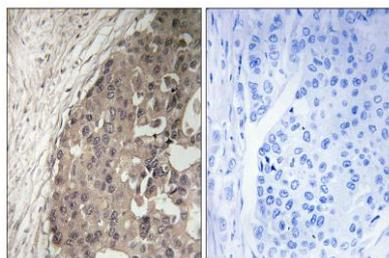
Storage&Stability:

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

Specificity:

β-1,4-GalNAc-T Polyclonal Antibody detects endogenous levels of β-1,4-GalNAc-T protein.

DATA:



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using CSGALNACT1 Antibody. The picture on the right is blocked with the synthesized peptide.

Note:

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

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