



CsGalNAcT-2 Polyclonal Antibody

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|---------------------------|--|
| Catalog No | BYab-03796 |
| Isotype | IgG |
| Reactivity | Human;Mouse |
| Applications | IHC;IF;ELISA |
| Gene Name | CSGALNACT2 |
| Protein Name | Chondroitin sulfate N-acetylgalactosaminyltransferase 2 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human CSGALNACT2. AA range:61-110 |
| Specificity | CsGalNAcT-2 Polyclonal Antibody detects endogenous levels of CsGalNAcT-2 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | CSGALNACT2; CHGN2; GALNACT2; Chondroitin sulfate N-acetylgalactosaminyltransferase 2; Chondroitin beta-1; 4-N-acetylgalactosaminyltransferase 2; Beta4GalNAcT-2; GalNAcT-2 |
| Observed Band | 63kD |
| Cell Pathway | Golgi apparatus, Golgi stack membrane ; Single-pass type II membrane protein . |
| Tissue Specificity | Ubiquitous. |
| Function | 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..online information:Chondroitin beta-1,4-N-acetylgalactosaminyltransferase 2,online information:GlycoGene database,similarity:Belongs to the chondroitin N-acetylgalactosaminyltransferase |

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family.,tissue specificity:Ubiquitous.,

Background

This gene encodes a member of the chondroitin N-acetylgalactosaminyltransferase family. The encoded protein is involved in elongation during chondroitin sulfate synthesis. Alternative splicing of this gene results in multiple transcript variants. Two related pseudogenes have been identified on chromosome X. [provided by RefSeq, Feb 2016],

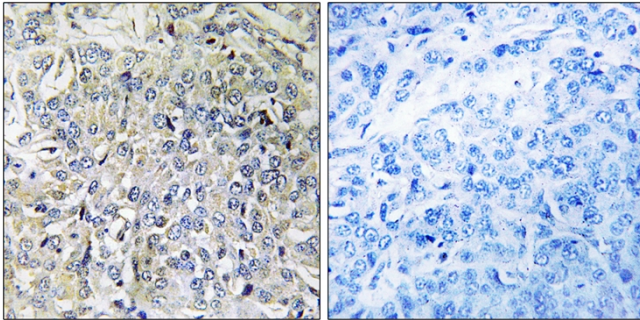
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using CSGALNACT2 Antibody. The picture on the right is blocked with the synthesized peptide.