

Summary

Production Name	CsGalNAcT-2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CSGALNACT2
Alternative Names	CSGALNACT2; CHGN2; GALNACT2; Chondroitin sulfate N-acetylgalactosaminyltransferase 2; Chondroitin beta-1; 4-N-acetylgalactosaminyltransferase 2; Beta4GalNAcT-2; GalNAcT-2
Gene ID	55454.0
SwissProt ID	Q8N6G5.The antiserum was produced against synthesized peptide derived from human CSGALNACT2. AA range:61-110

Application

Dilution Ratio	IHC 1:100-1:300 ELISA: 1:40000
Molecular Weight	63kD

Product Name: CsGalNAcT-2 Rabbit Polyclonal Antibody
Catalog #: APRab09449



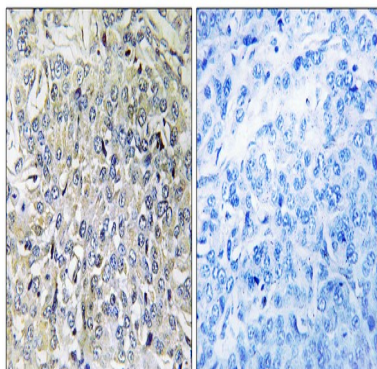
Background

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], 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 family., tissue specificity: Ubiquitous.,

Research Area

Chondroitin sulfate biosynthesis;

Image Data



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

Note

For research use only.