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

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC,ICC/IF,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
Molecular Weight	63kDa

Antigen Information

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

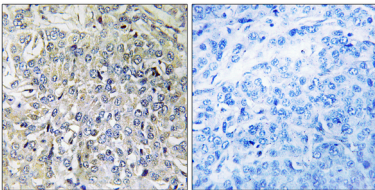
Background

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-galactosaminy-(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.