



CsGalNAcT-2 Polyclonal Antibody

Catalog No	YP-Ab-03796
Isotype	IgG
Reactivity	Human;Mouse
Applications	IHC;IF;ELISA
Gene Name	CSGALNACT2
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	Beta4GalNAcT 2;CHGN2;CSGalNAcT 2;CSGALNACT2;GALNACT 2; GALNACT2;PRO0082;CsGalNAcT-2;Chondroitin sulfate N-acetylglactosaminyltransferase 2;Chondroitin beta-1,4-N-acetylglactosaminyltransferase 2;Beta4GalNAcT-2;GalNAcT-2
Observed Band	63kD
Calculated Molecular Weight	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-acetylglactosamine (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-acetylglactosaminyltransferase 2,online information:GlycoGene database,similarity:Belongs to the chondroitin N-



acetylgalactosaminyltransferase 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],

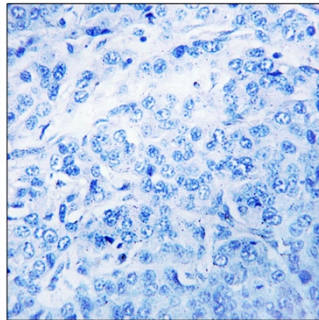
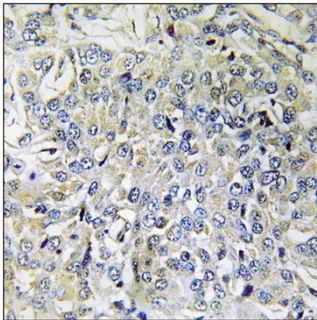
matters needing attention

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.