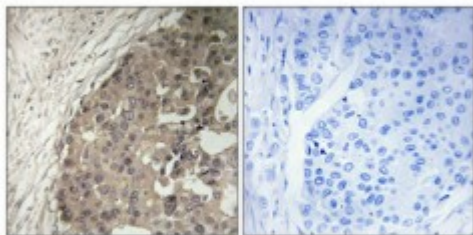


Anti-beta-1,4-GalNAc-T antibody



Description	Rabbit polyclonal to beta-1,4-GalNAc-T.
Model	STJ96371
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human beta-1,4-GalNAc-T
Immunogen Region	180-260 aa, Internal
Gene ID	55790
Gene Symbol	CSGALNACT1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000
Specificity	beta-1,4-GalNAc-T Polyclonal Antibody detects endogenous levels of beta-1,4-GalNAc-T protein.
Tissue Specificity	Ubiquitous, with the highest levels in placenta, thyroid, bladder, prostate and adrenal gland. Detected at low levels in the other tissues examined.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Chondroitin sulfate N-acetylgalactosaminyltransferase 1 CsGalNAcT-1 Chondroitin beta-1,4-N-acetylgalactosaminyltransferase 1 Beta4GalNAcT-1
Molecular Weight	60 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:24290OMIM:616615
Alternative Names	Chondroitin sulfate N-acetylgalactosaminyltransferase 1 CsGalNAcT-1 Chondroitin beta-1,4-N-acetylgalactosaminyltransferase 1 Beta4GalNAcT-1
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 formation and subsequent endochondral ossification . Moreover, is involved in the metabolism of aggrecan .
Cellular Localization	Golgi apparatus, Golgi stack membrane
Post-translational Modifications	N-glycosylated.