

## Product datasheet for **TA342372**

### CSGALNACT1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ChGn antibody: synthetic peptide directed towards the C terminal of human ChGn. Synthetic peptide located within the following region: DELTPEQYKMCMQSKAMNEASHGQLGMLVFRHEIEAHLRKQKQKTSSKKT
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	61 kDa
Gene Name:	chondroitin sulfate N-acetylgalactosaminyltransferase 1
Database Link:	<a href="#">NP_060841</a> <a href="#">Entrez Gene 55790 Human</a> <a href="#">Q8TDX6</a>
Background:	ChGn transfers 1,4-N-acetylgalactosamine (GalNAc) from UDP-GalNAc to the non-reducing end of glucuronic acid (GlcUA). This protein is required for addition of the first GalNAc to the core tetrasaccharide linker and for elongation of chondroitin chains. It play an important role in chondroitin chain biosynthesis in cartilage.
Synonyms:	beta4GalNAcT; ChGn; CSGalNAcT-1
Note:	Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Zebrafish: 100%; Guinea pig: 100%; Rabbit: 93%; Bovine: 79%

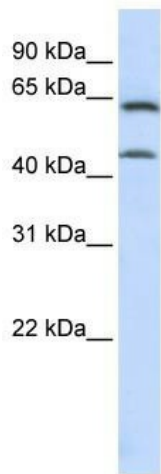


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**Protein Families:** Transmembrane

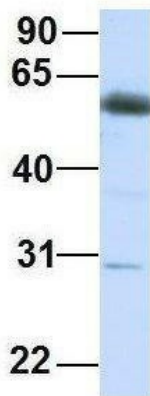
**Protein Pathways:** Chondroitin sulfate biosynthesis, Metabolic pathways

**Product images:**



WB Suggested Anti-ChGn Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: MCF7 cell lysate

**CSGALNACT1**



Rabbit Anti-CSGALNACT1  
 Sample Type: Human Fetal Heart  
 Antibody Concentration: 1ug/mL

Host: Rabbit; Target Name: CSGALNACT1; Sample Tissue: Human Fetal Heart; Antibody Dilution: 1.0 ug/ml