

# Chst11 Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12797

## Product Information

<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q9JME2</a>
<b>Other Accession</b>	<a href="#">NM_021439</a> , <a href="#">NP_067414</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	41632

## Additional Information

<b>Gene ID</b>	58250
<b>Alias Symbol</b>	1110020P09Rik, C4ST, C4ST-1, C4ST1, C4s
<b>Other Names</b>	Carbohydrate sulfotransferase 11, 2.8.2.5, Chondroitin 4-O-sulfotransferase 1, Chondroitin 4-sulfotransferase 1, C4S-1, C4ST-1, C4ST1, Chst11
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-Chst11 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	Chst11 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

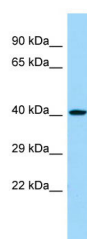
<b>Name</b>	Chst11
<b>Function</b>	Catalyzes the transfer of sulfate to position 4 of the N- acetylgalactosamine (GalNAc) residue of chondroitin. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage and is distributed on the surfaces of many cells and extracellular matrices. Can also sulfate Gal residues in desulfated dermatan sulfate. Preferentially sulfates in GlcA->GalNAc unit than in IdoA->GalNAc unit. Does not form 4, 6-di-O-sulfated GalNAc when chondroitin sulfate C is used as an acceptor.
<b>Cellular Location</b>	Golgi apparatus membrane; Single- pass type II membrane protein

**Tissue Location**

Predominantly expressed in brain and kidney. Also expressed at weaker level in heart, spleen and lung. Expressed in developing chondrocytes.

**Images**

---



Host: Rabbit

Target Name: Chst11

Sample Tissue: Mouse Stomach lysates

Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.