

**Chst11 Antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI12797**

**Specification**

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**Chst11 Antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">O9JME2</a>
Other Accession	<a href="#">NM_021439</a> , <a href="#">NP_067414</a>
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42kDa KDa

**Chst11 Antibody - N-terminal region - Additional Information**

**Gene ID** 58250

**Alias Symbol** 1110020P09Rik, C4ST, C4ST-1, C4ST1, C4s

**Other Names**

Carbohydrate sulfotransferase 11, 2.8.2.5, Chondroitin 4-O-sulfotransferase 1, Chondroitin 4-sulfotransferase 1, C4S-1, C4ST-1, C4ST1, Chst11

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

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.

**Precautions**

Chst11 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**Chst11 Antibody - N-terminal region - Protein Information**

**Name** Chst11

**Function**

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.

### Cellular Location

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.

### Chst11 Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Chst11 Antibody - N-terminal region - Images



Host: Rabbit  
Target Name: Chst11  
Sample Tissue: Mouse Stomach lysates  
Antibody Dilution: 1.0µg/ml