

Product datasheet for **TA346136**

CHST7 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-CHST7 antibody: synthetic peptide directed towards the middle region of human CHST7. Synthetic peptide located within the following region: DLGVLVPLLRDPGLNLKVVQLFRDPRAVHNSRLKSRQGLLRESIQVLRTR
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>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	53 kDa
Gene Name:	carbohydrate sulfotransferase 7
Database Link:	NP_063939 Entrez Gene 56548 Human Q9NS84



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Background:

CHST7 belongs to the sulfotransferase family. Sulfotransferases generate sulfated glycosaminoglycan (GAG) moieties during chondroitin sulfate biosynthesis. They create considerable structural diversity among chondroitin sulfates by transferring sulfate with remarkable specificity for the underlying oligosaccharide substrate. This protein mainly transfers sulfate to N-acetylgalactosamine. The regulated expression of each member of the family may be an important determinant of sulfated GAGs expression and the associated function of chondroitin sulfates as regulators of many biologic processes. This gene belongs to the sulfotransferase gene family. Sulfotransferases generate sulfated glycosaminoglycan (GAG) moieties during chondroitin sulfate biosynthesis. They create considerable structural diversity among chondroitin sulfates by transferring sulfate with remarkable specificity for the underlying oligosaccharide substrate. This gene product mainly transfers sulfate to N-acetylgalactosamine. The regulated expression of each member of this gene family may be an important determinant of sulfated GAGs expression and the associated function of chondroitin sulfates as regulators of many biologic processes. This gene is part of a gene cluster on chromosome Xp11.23.

Synonyms:

C6ST-2; GST-5

Note:

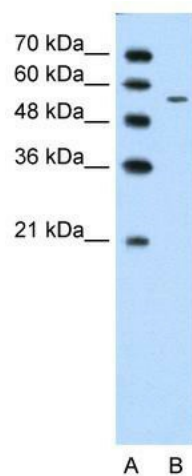
Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%; Rat: 93%; Rabbit: 93%

Protein Families:

Transmembrane

Protein Pathways:

Chondroitin sulfate biosynthesis

Product images:

WB Suggested Anti-CHST7 Antibody Titration: 1.25 ug/ml; Positive Control: Jurkat cell lysate