

Datasheet for ABIN2776908  
**anti-CHST7 antibody (Middle Region)**[Go to Product page](#)**1** Image**1** Publication

## Overview

Quantity:	100 µL
Target:	CHST7
Binding Specificity:	Middle Region
Reactivity:	Mouse, Human, Dog, Cow, Guinea Pig, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHST7 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CHST7
Sequence:	DLGVLVPLLR DPGLNLKVVQ LFRDPRAVHN SRLKSRQGILL RESIQVLRT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against CHST7. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

## Target Details

Target:	CHST7
Alternative Name:	CHST7 ( <a href="#">CHST7 Products</a> )

## Target Details

Background:	<p>CHST7 belongs to the sulfotransferase family. Sulfotransferases generate sulfated glycosaminoglycan (GAG) moities 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) moities 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.</p> <p>Alias Symbols: C6ST-2</p> <p>Protein Interaction Partner: UBC,</p> <p>Protein Size: 486</p>
Molecular Weight:	53 kDa
Gene ID:	56548
NCBI Accession:	<a href="#">NM_019886</a> , <a href="#">NP_063939</a>
UniProt:	<a href="#">Q9NS84</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 486 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific

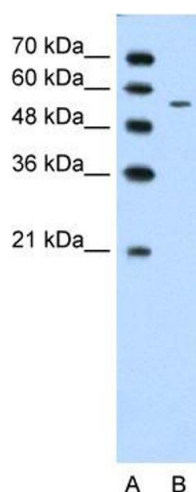
## Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in:	Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: <b>Genome research</b> , Vol. 14, Issue 10B, pp. 2121-7, (2004) ( <a href="#">PubMed</a> ).
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## Images



### Western Blotting

**Image 1.** WB Suggested Anti-CHST7 Antibody Titration:  
1.25ug/ml Positive Control: Jurkat cell lysate