

Datasheet for ABIN2776449  
**anti-CHST4 antibody (Middle Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	CHST4
Binding Specificity:	Middle Region
Reactivity:	Human, Cow, Dog, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHST4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CHST4
Sequence:	QKLKKEDQPY YVMQVICQSQ LEIYKTIQSL PKALQERYLL VRYEDLARAP
Predicted Reactivity:	Cow: 79%, Dog: 86%, Horse: 79%, Human: 100%, Rabbit: 79%
Characteristics:	This is a rabbit polyclonal antibody against CHST4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	CHST4
Alternative Name:	CHST4 ( <a href="#">CHST4 Products</a> )

## Target Details

Background:	The CHST4 gene encodes a protein that is involved in enzymatic synthesis in vitro of the disulfated disaccharide unit of corneal keratan sulfate. Alias Symbols: GST3, LSST, GlcNAc6ST2, HECGLCNAC6ST Protein Interaction Partner: DCPS, CD34, Protein Size: 386
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Molecular Weight:	45 kDa
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Gene ID:	10164
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NCBI Accession:	<a href="#">NM_005769</a> , <a href="#">NP_005760</a>
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UniProt:	<a href="#">Q8NCG5</a>
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## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 386 AA
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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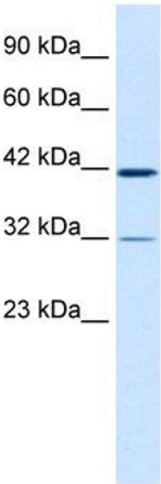
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-20 °C
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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.
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Western Blotting

**Image 1.** WB Suggested Anti-CHST4 Antibody Titration:  
0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2  
cell lysate