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Datasheet for ABIN1536997  
**anti-CHST5 antibody (C-Term)**

1 Image

Overview

Quantity:	400 µL
Target:	CHST5
Binding Specificity:	AA 275-302, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHST5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This CHST5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 275-302 amino acids from the C-terminal region of human CHST5.
Clone:	RB38729
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CHST5
Alternative Name:	CHST5 ( <a href="#">CHST5 Products</a> )
Background:	The carbohydrates of glycoconjugates are highly diverse structures with variation in

## Target Details

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monosaccharide composition, glycosidic linkage positions, and branching of chains. Further diversity is added by the covalent addition of sulfate moieties to particular hydroxyl groups and amino groups of saccharides. The sulfate modifications of glycoproteins can be extensive in amount and frequently occur at high density. They can have a profound effect on the physiochemical properties of the glycoconjugates, at least in part through the addition of negative charge. Carbohydrate sulfation plays a critical role in many biologic processes. CHST5 belongs to the GST family of sulfotransferases, which also includes CHST1 (MIM 603797), CHST2 (MIM 603798), CHST3 (MIM 603799), and LSST. These enzymes are 6-O-sulfotransferases, which add sulfate to C6 of galactose (Gal), N-acetylgalactosamine (GalNAc), or N-acetylglucosamine (GlcNAc) (Lee et al., 1999 [PubMed 10491328]).

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Molecular Weight: 46161

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Gene ID: 23563

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NCBI Accession: [NP\\_078809](#)

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UniProt: [Q9GZS9](#)

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Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

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Application Notes: WB: 1:1000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

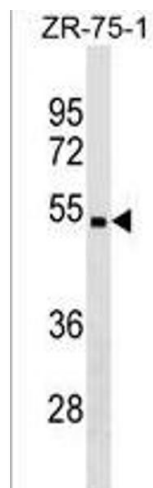
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: CHST5 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



### Western Blotting

**Image 1.** CHST5 Antibody (C-term) (ABIN1536997 and ABIN2850338) western blot analysis in ZR-75-1 cell line lysates (35 µg/lane). This demonstrates the CHST5 antibody detected the CHST5 protein (arrow).