

Datasheet for ABIN5675721

**anti-CHST3 antibody (AA 21-120) (HRP)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                           |
| Target:              | CHST3                                                                                                                                            |
| Binding Specificity: | AA 21-120                                                                                                                                        |
| Reactivity:          | Human, Mouse                                                                                                                                     |
| Host:                | Rabbit                                                                                                                                           |
| Clonality:           | Polyclonal                                                                                                                                       |
| Conjugate:           | This CHST3 antibody is conjugated to HRP                                                                                                         |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),<br>Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human CHST3 |
| Isotype:          | IgG                                                       |
| Cross-Reactivity: | Human, Mouse                                              |
| Purification:     | Purified by Protein A.                                    |

## Target Details

|                   |                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------|
| Target:           | CHST3                                                                                       |
| Alternative Name: | CHST3 ( <a href="#">CHST3 Products</a> )                                                    |
| Background:       | Synonyms: Carbohydrate sulfotransferase 3, CHST3, Chondroitin 6-O-sulfotransferase 1, C6ST- |

## Target Details

1, Chondroitin 6-sulfotransferase, Galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 0, GST-0

Background: Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the transfer of sulfate to position 6 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 of keratan sulfate, another glycosaminoglycan, and the Gal residues in sialyl N-acetylactosamine (sialyl LacNAc) oligosaccharides. May play a role in the maintenance of naive T-lymphocytes in the spleen.

|           |                                                     |
|-----------|-----------------------------------------------------|
| Gene ID:  | 9469                                                |
| UniProt:  | <a href="#">Q7LGC8</a>                              |
| Pathways: | <a href="#">Glycosaminoglycan Metabolic Process</a> |

## Application Details

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Application Notes: | WB 1:300-5000<br>IHC-P 1:200-400<br>IHC-F 1:100-500 |
| Restrictions:      | For Research Use only                               |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |