

[Go to Product page](#)

## Datasheet for ABIN7467329 **anti-CHST15 antibody**

### Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µL   |
| Target:      | CHST15   |
| Reactivity:  | Human  |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This CHST15 antibody is un-conjugated  |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Recombinant protein encompassing a sequence within the center region of human CHST15.<br>The exact sequence is proprietary. |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human   |
| Purification:     | Purified by antigen-affinity chromatography.  |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | CHST15   |
| Alternative Name: | carbohydrate sulfotransferase 15 ( <a href="#">CHST15 Products</a> )   |
| Background:       | Carbohydrate sulfotransferase 15 , BRAG , GALNAC4S-6ST,Sulfotransferase that transfers sulfate from 3'-phosphoadenosine 5'-phosphosulfate (PAPS) to the C-6 hydroxyl group of the GalNAc 4-sulfate residue of chondroitin sulfate A and forms chondroitin sulfate E containing |

## Target Details

GlcA-GalNAc(4,6-SO<sub>4</sub>) repeating units. It also transfers sulfate to a unique non-reducing terminal sequence, GalNAc(4SO<sub>4</sub>)-GlcA(2SO<sub>4</sub>)-GalNAc(6SO<sub>4</sub>), to yield a highly sulfated structure similar to the structure found in thrombomodulin chondroitin sulfate. May also act as a B-cell receptor involved in BCR ligation-mediated early activation that mediate regulatory signals key to B-cell development and/or regulation of B-cell-specific RAG expression, however such results are unclear in vivo.

Molecular Weight: 65 kDa

Gene ID: 51363

UniProt: [Q7LFX5](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: Raji

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.94 mg/mL

Buffer: 0.1M Tris-Glycine ( pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.