

Datasheet for ABIN6260830
anti-CHST12 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | CHST12 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CHST12 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

Product Details

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|-----------------------|---|
| Immunogen: | A synthesized peptide derived from human CHST12, corresponding to a region within C-terminal amino acids. |
| Isotype: | IgG |
| Specificity: | CHST12 Antibody detects endogenous levels of total CHST12. |
| Predicted Reactivity: | Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |

Target Details

| | |
|---------|--------|
| Target: | CHST12 |
|---------|--------|

Target Details

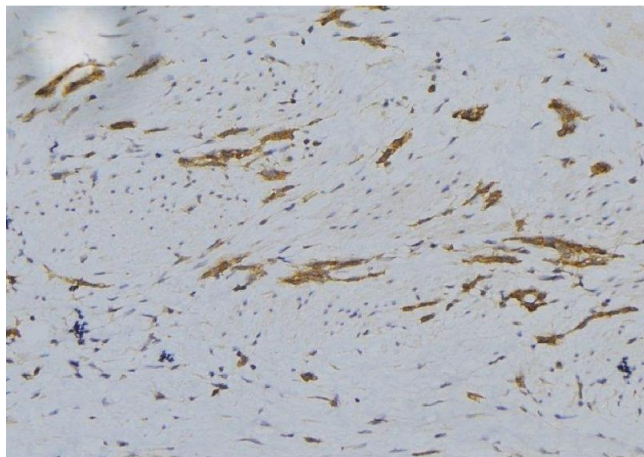
| | |
|-------------------|---|
| Alternative Name: | CHST12 (CHST12 Products) |
| Background: | <p>Description: Catalyzes the transfer of sulfate to position 4 of the N-acetylgalactosamine (GalNAc) residue of chondroitin and desulfated dermatan sulfate. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage and is distributed on the surfaces of many cells and extracellular matrices. Activity toward partially desulfated dermatan sulfate is however lower. Does not form 4, 6-di-O-sulfated GalNAc when chondroitin sulfate C is used as an acceptor.</p> <p>Gene: CHST12</p> |
| Molecular Weight: | 48 kDa |
| Gene ID: | 55501 |
| UniProt: | Q9NRB3 |
| Pathways: | Glycosaminoglycan Metabolic Process |

Application Details

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|--------------------|---|
| Application Notes: | WB 1:1000-3000, IHC 1:200, ELISA(peptide) 1:20000-1:40000 |
| Restrictions: | For Research Use only |

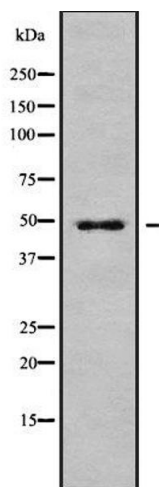
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| 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: | -20 °C |
| Storage Comment: | Store at -20 °C. Stable for 12 months from date of receipt. |
| Expiry Date: | 12 months |



Immunohistochemistry

Image 1. ABIN6279242 at 1/100 staining Human lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



Western Blotting

Image 2. Western blot analysis of CHST12 using NIH-3T3 whole cell lysates