

Datasheet for ABIN6243813
anti-CHST12 antibody (N-Term)

3 Images

[Go to Product page](#)

Overview

| | |
|----------------------|--|
| Quantity: | 400 µL |
| Target: | CHST12 |
| Binding Specificity: | AA 72-106, N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CHST12 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|---------------|--|
| Immunogen: | This CHST12 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 72-106 amino acids from the N-terminal region of human CHST12. |
| Clone: | RB51728 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

| | |
|-------------------|--|
| Target: | CHST12 |
| Alternative Name: | CHST12 (CHST12 Products) |
| Background: | Catalyzes the transfer of sulfate to position 4 of the N-acetylgalactosamine (GalNAc) residue of |

Target Details

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.

Molecular Weight: 48414

UniProt: [Q9NRB3](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:2000. IHC-P: 1:25

Restrictions: For Research Use only

Handling

Format: Liquid

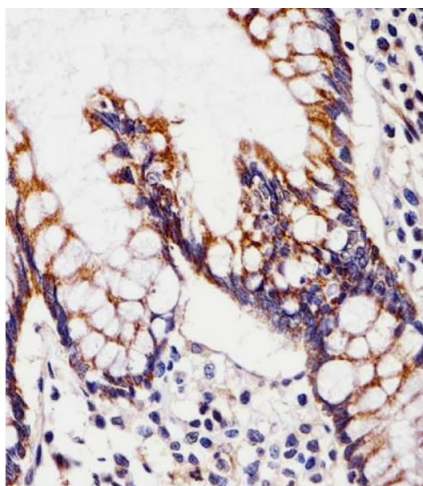
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

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

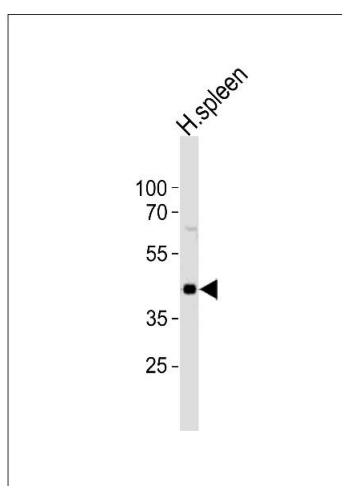
Storage: 4 °C, -20 °C

Expiry Date: 6 months



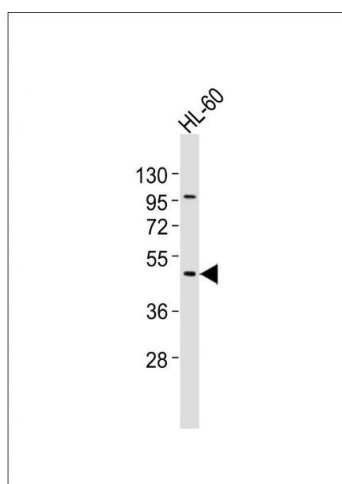
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. (ABIN6243813 and ABIN6577796) staining CHST12 in Human small intestine tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0.5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hour at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Western Blotting

Image 2. Western blot analysis of lysate from human spleen tissue lysate, using CHST12 Antibody (N-term) (ABIN6243813 and ABIN6577796). (ABIN6243813 and ABIN6577796) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20 µg.



Western Blotting

Image 3. Anti-CHST12 Antibody (N-term) at 1:2000 dilution + HL-60 whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 48 kDa. Blocking/Dilution buffer: 5 % NFDM/TBST.