

Datasheet for ABIN5675570  
**anti-CHST10 antibody (AA 281-356)**[Go to Product page](#)

## 1 Image

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | CHST10  |
| Binding Specificity: | AA 281-356  |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This CHST10 antibody is un-conjugated   |
| Application:         | Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | KLH conjugated synthetic peptide derived from human CHST10 |
| Isotype:              | IgG  |
| Cross-Reactivity:     | Human  |
| Predicted Reactivity: | Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken                  |
| Purification:         | Purified by Protein A.                                     |

## Target Details

|         |        |
|---------|--------|
| Target: | CHST10 |
|---------|--------|

## Target Details

|                   |   |
|-------------------|---|
| Alternative Name: | CHST10 ( <a href="#">CHST10 Products</a> )  |
| Background:       | <p>Synonyms: Carbohydrate sulfotransferase 10, CHST10, HNK-1 sulfotransferase, HNK-1ST, HNK1ST, HuHNK-1ST, CHST10</p> <p>Background: Catalyzes the transfer of sulfate to position 3 of terminal glucuronic acid of both protein- and lipid-linked oligosaccharides. Participates in biosynthesis of HNK-1 carbohydrate structure, a sulfated glucuronyl-lactosaminyl residue carried by many neural recognition molecules, which is involved in cell interactions during ontogenetic development and in synaptic plasticity in the adult. May be indirectly involved in synapse plasticity of the hippocampus, via its role in HNK-1 biosynthesis.</p> |
| Gene ID:          | 9186  |
| UniProt:          | <a href="#">O43529</a>  |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | WB 1:300-5000<br>ELISA 1:500-1000<br>IHC-P 1:200-400<br>IHC-F 1:100-500<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200<br>ICC 1:100-500 |
| Restrictions:      | For Research Use only  |

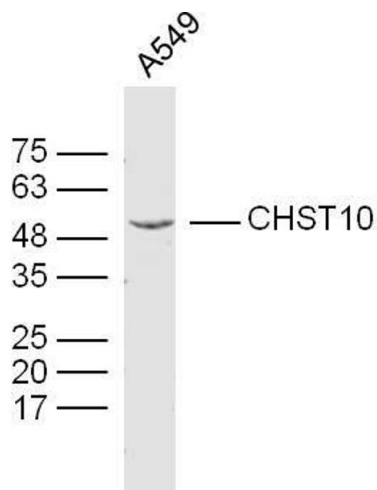
## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 µg/µL  |
| Buffer:            | 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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:           | 4 °C,-20 °C  |

Handling

|                  |   |
|------------------|---|
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date:     | 12 months   |

Images



**Image 1.** A549 lysates probed with CHST10 Polyclonal Antibody, Unconjugated at 1:300 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.