

Datasheet for ABIN7146688  
**anti-CHST3 antibody (AA 316-427)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	CHST3
Binding Specificity:	AA 316-427
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHST3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Carbohydrate sulfotransferase 3 protein (316-427AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	CHST3
Alternative Name:	CHST3 ( <a href="#">CHST3 Products</a> )
Background:	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

## Target Details

(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-acetyllactosamine (sialyl LacNAc) oligosaccharides. May play a role in the maintenance of naive T-lymphocytes in the spleen.

Aliases: C6ST 1 antibody, C6ST antibody, C6ST-1 antibody, C6ST1 antibody, Carbohydrate (chondroitin 6) sulfotransferase 3 antibody, Carbohydrate sulfotransferase 3 antibody, Chondroitin 6 O sulfotransferase 1 antibody, Chondroitin 6 sulfotransferase antibody, Chondroitin 6-O-sulfotransferase 1 antibody, Chondroitin 6-sulfotransferase antibody, CHST 3 antibody, Chst3 antibody, CHST3\_HUMAN antibody, Galactose/N acetylglucosamine/N acetylglucosamine 6 O sulfotransferase 0 antibody, Galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 0 antibody, GST 0 antibody, GST-0 antibody, GST0 antibody

UniProt: [Q7LGC8](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

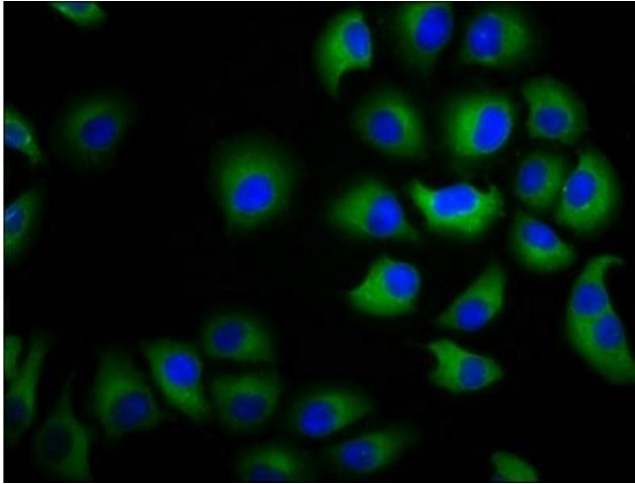
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

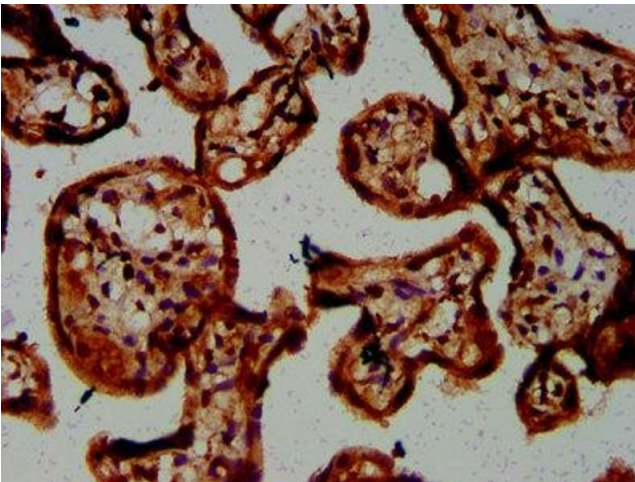
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunofluorescence

**Image 1.** Immunofluorescence staining of A549 cells with ABIN7146688 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



#### Immunohistochemistry

**Image 2.** IHC image of ABIN7146688 diluted at 1:300 and staining in paraffin-embedded human placenta tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.