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Datasheet for ABIN6979067

## anti-CHST3 antibody (AA 21-120) (Alexa Fluor 594)

### Overview

Quantity:	100 µL
Target:	CHST3
Binding Specificity:	AA 21-120
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHST3 antibody is conjugated to Alexa Fluor 594
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CHST3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

### Target Details

Target:	CHST3
Alternative Name:	CHST3 ( <a href="#">CHST3 Products</a> )
Background:	Synonyms: Carbohydrate sulfotransferase 3, CHST3, Chondroitin 6-O-sulfotransferase 1, C6ST-

## Target Details

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1, Chondroitin 6-sulfotransferase, Galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 0, GST-0

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

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Gene ID: 9469

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UniProt: [Q7LGC8](#)

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Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months