

## Datasheet for ABIN7467081 **anti-CHST7 antibody**



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### Overview

Quantity:	100 µL
Target:	CHST7
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHST7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human CHST7. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	CHST7
Alternative Name:	carbohydrate sulfotransferase 7 ( <a href="#">CHST7 Products</a> )
Background:	Carbohydrate sulfotransferase 7 , C6ST-2 , GST-5, This gene belongs to the sulfotransferase gene family. Sulfotransferases generate sulfated glycosaminoglycan (GAG) moities during

## Target Details

chondroitin sulfate biosynthesis. They create considerable structural diversity among chondroitin sulfates by transferring sulfate with remarkable specificity for the underlying oligosaccharide substrate. This gene product mainly transfers sulfate to N-acetylgalactosamine. The regulated expression of each member of this gene family may be an important determinant of sulfated GAGs expression and the associated function of chondroitin sulfates as regulators of many biologic processes. This gene is part of a gene cluster on chromosome Xp11.23. [provided by RefSeq]

Molecular Weight: 54 kDa

Gene ID: 56548

UniProt: [Q9NS84](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: NT2D1 , IMR32

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS ( pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

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

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.