

## Datasheet for ABIN630479 **anti-CHST7 antibody**



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	CHST7
Reactivity:	Mouse, Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHST7 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	CHST7 antibody was raised using a synthetic peptide corresponding to a region with amino acids DLGVLVPLLRDPGLNLIKVVQLFRDPRAVHNSRLKSRQGLLRESIQVLRTR
Purification:	Purified

#### Target Details

Target:	CHST7
Alternative Name:	CHST7 ( <a href="#">CHST7 Products</a> )
Background:	CHST7 belongs to the sulfotransferase family. Sulfotransferases generate sulfated glycosaminoglycan (GAG) moieties during chondroitin sulfate biosynthesis. They create considerable structural diversity among chondroitin sulfates by transferring sulfate with remarkable specificity for the underlying oligosaccharide substrate. This protein mainly transfers sulfate to N-acetylgalactosamine. The regulated expression of each member of the

## Target Details

---

family may be an important determinant of sulfated GAGs expression and the associated function of chondroitin sulfates as regulators of many biologic processes.

Molecular Weight: 53 kDa (MW of target protein)

Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

---

Application Notes: WB: 1.25 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: CHST7 Blocking Peptide, catalog no. 33R-2045, is also available for use as a blocking control in assays to test for specificity of this CHST7 antibody

Restrictions: For Research Use only

## Handling

---

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CHST7 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** CHST7 antibody used at 1.25 ug/ml to detect target protein.