

Datasheet for ABIN2462439

anti-CHST7 antibody[Go to Product page](#)**1** Image

Overview

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

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human CHST7.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	CHST7
Alternative Name:	CHST7 (CHST7 Products)
Background:	CHST7 belongs to the sulfotransferase family. Sulfotransferases generate sulfated glycosaminoglycan (GAG) moities 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. This gene belongs to the sulfotransferase gene 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 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.

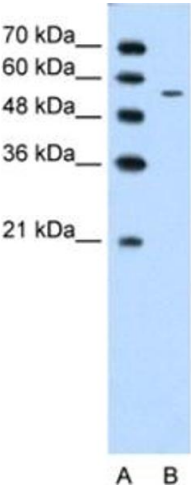
Molecular Weight:	53 kDa
Gene ID:	56548
NCBI Accession:	NP_063939
UniProt:	Q9NS84
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	CHST7 antibody can be used for detection of CHST7 by ELISA at 1:1562500. CHST7 antibody can be used for detection of CHST7 by western blot at 1.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store CHST7 antibody at -20 °C.



Western Blotting

Image 1.