

Datasheet for ABIN2782968
anti-CHST11 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	CHST11
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHST11 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Rat
Sequence:	FEFVAYLID PHTQREEPFN EHWQTVYSLC HPCHIHDLV GKYETLEEDS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against Chst11. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CHST11
Alternative Name:	Chst11 (CHST11 Products)

Target Details

Background:	<p>Chst11 catalyzes the transfer of sulfate to position 4 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. Chst11 can also sulfate Gal residues in desulfated dermatan sulfate. Chst11 preferentially sulfates in GlcA->GalNAc unit than in IdoA->GalNAc unit. Does not form 4, 6-di-O-sulfated GalNAc when chondroitin sulfate C is used as an acceptor.</p> <p>Alias Symbols: C4ST1, Chst11</p> <p>Protein Size: 352</p>
Molecular Weight:	38 kDa
Gene ID:	314694
NCBI Accession:	NM_001108079 , NP_001101549
UniProt:	P69478
Pathways:	Glycosaminoglycan Metabolic Process

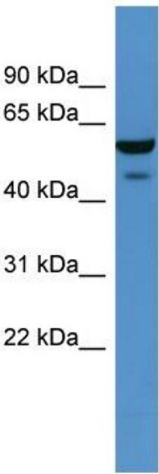
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 352 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-Chst11 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Rat Kidney