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Datasheet for ABIN6977365

anti-CHST11 antibody (AA 181-280) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	CHST11
Binding Specificity:	AA 181-280
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHST11 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CHST11
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	CHST11
Alternative Name:	CHST11 (CHST11 Products)

Target Details

Background:	<p>Synonyms: C4S-1, C4ST 1, C4ST, C4ST-1, C4ST1, Carbohydrate (chondroitin 4) sulfotransferase 11, Carbohydrate sulfotransferase 11, Chondroitin 4 O sulfotransferase 1, Chondroitin 4 sulfotransferase, Chondroitin 4-O-sulfotransferase 1, Chondroitin 4-sulfotransferase 1, CHST 11, Chst11, CHSTB_HUMAN, HSA269537, IgH/CHST11 fusion.</p> <p>Background: 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. Can also sulfate Gal residues in desulfated dermatan sulfate. 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>
Gene ID:	50515
UniProt:	Q9NPF2
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months