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Datasheet for ABIN6980779

anti-CHST6 antibody (AA 101-200) (AbBy Fluor® 680)

Overview

Quantity:	100 µL
Target:	CHST6
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHST6 antibody is conjugated to AbBy Fluor® 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CHST6
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Dog,Cow,Sheep,Horse
Purification:	Purified by Protein A.

Target Details

Target:	CHST6
Alternative Name:	CHST6 (CHST6 Products)

Target Details

Background:	<p>Synonyms: Carbohydrate sulfotransferase 6, CHST6, Corneal N-acetylglucosamine-6-O-sulfotransferase, C-GlcNAc6ST, hCGn6ST, Galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 4-beta, GST4-beta, N-acetylglucosamine 6-O-sulfotransferase 5, GlcNAc6ST-5, Gn6st-5</p> <p>Background: Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the transfer of sulfate to position 6 of non-reducing N-acetylglucosamine (GlcNAc) residues of keratan. Mediates sulfation of keratan in cornea. Keratan sulfate plays a central role in maintaining corneal transparency. Acts on the non-reducing terminal GlcNAc of short and long carbohydrate substrates that have poly-N-acetylglucosamine structures.</p>
Gene ID:	4166
UniProt:	Q9GZX3
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