

CHST13 Polyclonal Antibody

Catalog # AP69102

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q8NET6
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38920

Additional Information

Gene ID	166012
Other Names	CHST13; Carbohydrate sulfotransferase 13; Chondroitin 4-O-sulfotransferase 3; Chondroitin 4-sulfotransferase 3; C4ST-3; C4ST3
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

Protein Information

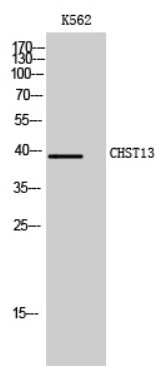
Name	CHST13
Function	Catalyzes the transfer of sulfate to position 4 of the N- acetylgalactosamine (GalNAc) residue of chondroitin. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage and is distributed on the surfaces of many cells and extracellular matrices. Transfers sulfate to the C4 hydroxyl of beta1,4-linked GalNAc that is substituted with a beta-linked glucuronic acid at the C-3 hydroxyl. No activity toward dermatan.
Cellular Location	Golgi apparatus membrane; Single- pass type II membrane protein
Tissue Location	Highly expressed in adult liver. Expressed at lower level in kidney, lymph nodes and fetal kidney

Background

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Images



Western Blot analysis of K562 cells using CHST13 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.