

IHCeasy[®] CHST13 Ready-To-Use IHC Kit

Catalog Number: **KHC3297**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human
Cited Reactivity:

Assay type:
Immunohistochemistry
Primary antibody type:
Rabbit Polyclonal
Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

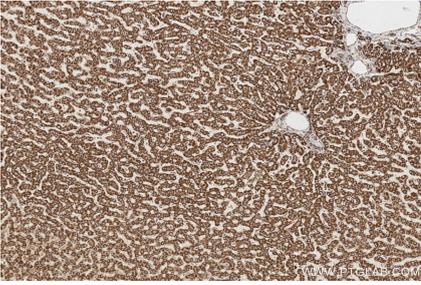
Background

CHST13, also named as C4ST3, belongs to the sulfotransferase 2 family. CHST13 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. CHST13 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.

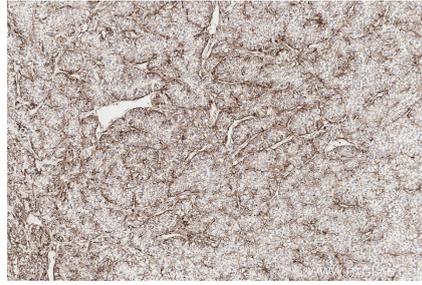
Synonyms

C4ST 3, C4ST3, C4ST-3, Chondroitin 4-O-sulfotransferase 3, Chondroitin 4-sulfotransferase 3

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis tissue slide using KHC3297 (CHST13 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using KHC3297 (CHST13 IHC Kit).