

CHST13 Polyclonal Antibody
Catalog # AP69102**Specification**

CHST13 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q8NET6
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

CHST13 Polyclonal Antibody - 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.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

CHST13 Polyclonal Antibody - 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

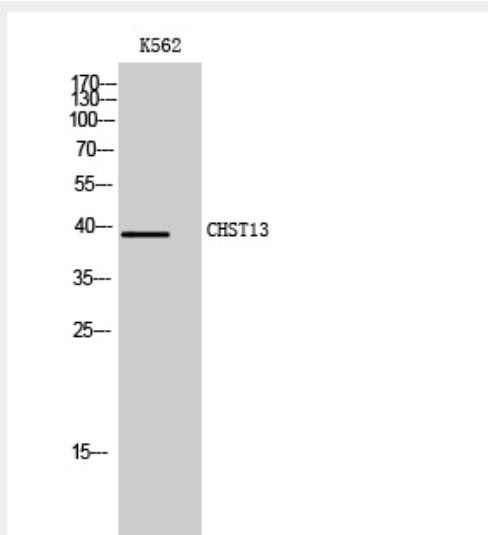
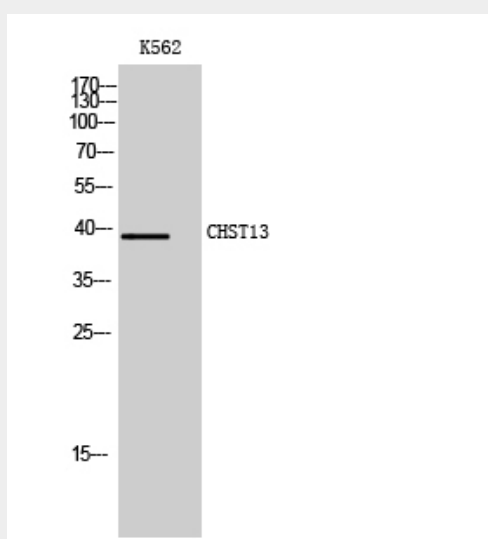
Highly expressed in adult liver. Expressed at lower level in kidney, lymph nodes and fetal kidney

CHST13 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CHST13 Polyclonal Antibody - Images



CHST13 Polyclonal Antibody - 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. 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.