

anti- CHST14 antibody

Product Information

Catalog No.:	FNab01694
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Catalyzes the transfer of sulfate to position 4 of the N-acetylgalactosamine(GalNAc) residue of dermatan sulfate. Plays a pivotal role in the formation of 4-O-sulfated IdoA blocks in dermatan sulfate. Transfers sulfate to the C-4 hydroxyl of beta1,4-linked GalNAc that is substituted with an alpha-linked iduronic acid(IdoUA) at the C-3 hydroxyl. Transfers sulfate more efficiently to GalNAc residues in-IdoUA-GalNAc-IdoUA-than in-GlcUA-GalNAc-GlcUA-sequences. Has preference for partially desulfated dermatan sulfate. Addition of sulfate to GalNAc may occur immediately after epimerization of GlcUA to IdoUA. GlcUA to IdoUA. Appears to have an important role in the formation of the cerebellar neural network during postnatal brain development.

Immunogen information

Immunogen:	carbohydrate(N-acetylgalactosamine 4-O) sulfotransferase 14
Synonyms:	D4ST1
Observed MW:	45-50 kDa
Uniprot ID :	Q8NCH0

Application

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Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

Fax: (0086)027-87800889

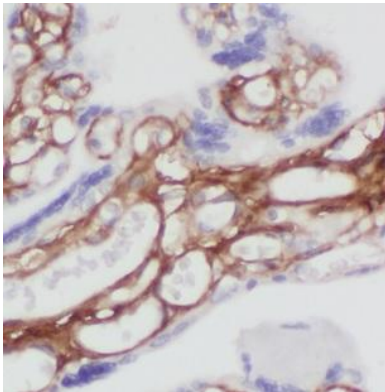
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Reactivity: Human, Mouse, Rat

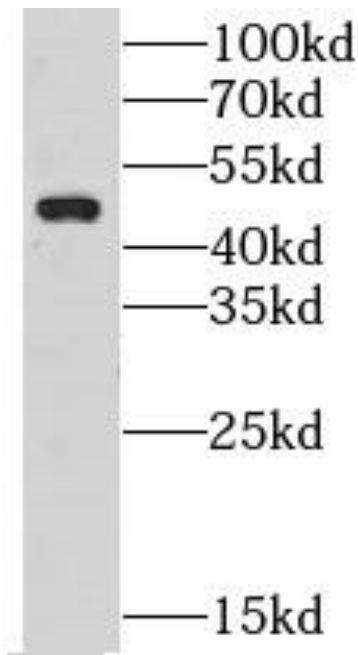
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human placenta using FNab01694(CHST14 antibody) at dilution of 1:50



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab01694(CHST14 antibody) at dilution of 1:600

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