

Summary

Production Name	CHSTE Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CHST14 D4ST1 UNQ1925/PRO4400
Alternative Names	
Gene ID	113189.0
SwissProt ID	Q8NCH0.Synthesized peptide derived from part region of human protein

Application

Dilution Ratio	WB 1:500-2000 ELISA 1:5000-20000
Molecular Weight	41kD

Background

This gene encodes a member of the HNK-1 family of sulfotransferases. The encoded protein transfers sulfate to the C-4 hydroxyl of N-acetylgalactosamine residues in dermatan sulfate. Mutations in this gene have been associated with

Product Name: CHSTE Rabbit Polyclonal Antibody
Catalog #: APRab08795

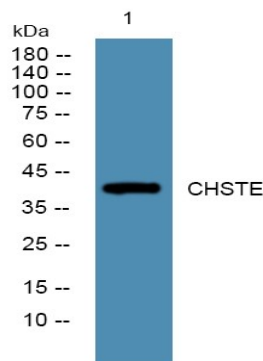


adducted thumb-clubfoot syndrome.[provided by RefSeq, Mar 2010],function:Catalyzes the transfer of sulfate to position 4 of the N-acetylgalactosamine (GalNAc) residue of dermatan sulfate. Transfers sulfate to the C-4 hydroxyl of beta1,4-linked GalNAc that is substituted with an alpha-linked iduronic 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.,similarity:Belongs to the sulfotransferase 2 family.,tissue specificity:Widely expressed. Expressed at high level in pituitary gland, placenta, uterus and thyroid.,

Research Area

Chondroitin sulfate biosynthesis;

Image Data



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4°over night

Note

For research use only.