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**Product Name: CHSTE Rabbit Polyclonal Antibody****Catalog #: APRab08795**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	41kDa

**Antigen Information**

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

**Background**

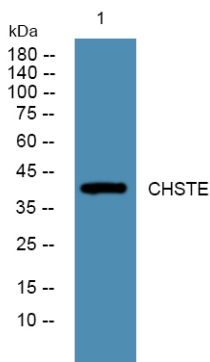
This gene encodes a member of the HNK-1 family of sulfotransferases. The encoded protein transfers sulfate to the C-4 hydroxyl of N-acetylgalactosamine residues in dermatan sulfate. Mutations in this gene have been associated with adducted thumb-clubfoot syndrome.[provided by RefSeq, Mar 2010],function:Catalyzes 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, CHSTE Rabbit Polyclonal Antibody was diluted at 1:1000, 4°over night