



CHSTE Polyclonal Antibody

Catalog No	BYab-05423
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	CHST14 D4ST1 UNQ1925/PRO4400
Protein Name	Carbohydrate sulfotransferase 14 (EC 2.8.2.35) (Dermatan 4-sulfotransferase 1) (D4ST-1) (hD4ST1)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CHSTE Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	41kD
Cell Pathway	Golgi apparatus membrane ; Single-pass type II membrane protein .
Tissue Specificity	Widely expressed. Expressed at high level in pituitary gland, placenta, uterus and thyroid.
Function	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.,

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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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

