

CHSTC Rabbit pAb

CatalogNo: YN0546

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 45kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein

Specificity CHSTC Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name CHST12 UNQ500/PRO1017

Protein Name	Carbohydrate sulfotransferase 12 (Chondroitin 4-O-sulfotransferase 2) (Chondroitin 4-sulfotransferase 2) (C4ST-2) (C4ST2) (Sulfotransferase Hlo)		
	Organism	Gene ID	UniProt ID
	Human	55501 ;	Q9NRB3 ;
	Mouse		Q99LL3 ;
Cellular Localization	Golgi apparatus membrane ; Single-pass type II membrane protein .		
Tissue specificity	Widely expressed. Expressed a high level in spinal chord, heart, spleen, thyroid, pituitary gland, adrenal gland, peripheral blood leukocytes, thymus, lung, small intestine, fetal kidney, fetal spleen and fetal lung.		
Function	Catalytic activity:3'-phosphoadenylyl sulfate + chondroitin = adenosine 3',5'-bisphosphate + chondroitin 4'-sulfate.,Function:Catalyzes the transfer of sulfate to position 4 of the N-acetylgalactosamine (GalNAc) residue of chondroitin and desulfated dermatan sulfate. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage and is distributed on the surfaces of many cells and extracellular matrices. Activity toward partially desulfated dermatan sulfate is however lower. Does not form 4, 6-di-O-sulfated GalNAc when chondroitin sulfate C is used as an acceptor.,similarity:Belongs to the sulfotransferase 2 family.,tissue specificity:Widely expressed. Expressed a high level in spinal chord, heart, spleen, thyroid, pituitary gland, adrenal gland, peripheral blood leukocytes, thymus, lung, small intestine, fetal kidney, fetal spleen and fetal lung.,		

| Validation Data

| Contact information

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