

## Rabbit Anti-CHST2/AF350 Conjugated antibody

SL13934R-AF350

<b>Product Name</b>	Anti-CHST2/AF350
<b>Chinese Name</b>	AF350 标记的碳水化合物磺基转移酶 2 抗体 AI428561; AW121776; C130041E03Rik; C6ST; Carbohydrate (chondroitin 6/keratan) sulfotransferase 2; Carbohydrate (N-acetylglucosamine-6-O) sulfotransferase 2; Carbohydrate sulfotransferase 2; CHST2;
<b>Alias</b>	CHST2_HUMAN; Chts2; Galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 2; GlcNAc6ST; GlcNAc6ST-1; Gn6st; Gn6st-1; GST 2; GST-2; GST2; N-acetylglucosamine 6-O-sulfotransferase 1; N-acetylglucosamine 6-O-sulfotransferase.
<b>Research Area</b>	
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Mouse,Rat(predicted:Human,Pig,Cow) IF=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	57kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human CHST2
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	

**background:**

This locus encodes a sulfotransferase protein. The encoded enzyme catalyzes the sulfation of a nonreducing N-acetylglucosamine residue, and may play a role in biosynthesis of 6-sulfosialyl Lewis X antigen. [provided by RefSeq, Aug 2011]

**Function:**

Catalyzes the transfer of sulfate to position 6 of non-reducing N-acetylglucosamine (GlcNAc) residues within keratan-like structures on N-linked glycans and within mucin-associated glycans that can ultimately serve as L-selectin ligands. L-selectin ligands are present in high endothelial cells (HEVs) and play a central role in lymphocyte homing at sites of inflammation. Participates in biosynthesis of L-selectin ligand sialyl 6-sulfo Lewis X and in lymphocyte homing to Peyer patches. Has no activity toward O-linked sugars. Its substrate specificity may be influenced by its subcellular location. Sulfates GlcNAc residues at terminal, non-reducing ends of oligosaccharide chains.

**Subcellular Location:**

Golgi apparatus; trans-Golgi network membrane.

**Product Detail**

**Tissue Specificity:**

Widely expressed. Highly expressed in bone marrow, peripheral blood leukocytes, spleen, brain, spinal cord, ovary and placenta. Expressed by high endothelial cells (HEVs) and leukocytes.

**Similarity:**

Belongs to the sulfotransferase 1 family. Gal/GlcNAc/GalNAc subfamily.

**Database links:**

[Entrez Gene: 9435](#) Human

[Omim: 603798](#) Human

[SwissProt: Q9Y4C5](#) Human

[Unigene: 8786](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



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