

## **Product datasheet for TA356609**

## **Chst2 Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type: Primary Antibodies** 

**Applications:** WB

Reactivity: Mouse Rabbit Host:

Clonality: Polyclonal

Specificity: Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat

**Homology**: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse:

100%; Rabbit: 100%; Rat: 100%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

**Purification: Affinity Purified** Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Shelf life: one year from despatch. Stability:

**Predicted Protein Size:** 58kDa

Gene Name: carbohydrate sulfotransferase 2

Database Link: NP 061233

Entrez Gene 54371 Mouse

Q8<u>0WV3</u>



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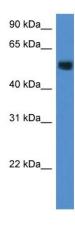
Background:

Chst2 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. Chst2 participates in biosynthesis of L-selectin ligand sialyl 6-sulfo Lewis X and in lymphocyte homing to Peyer patches. It has no activity toward O-linked sugars. Its substrate specificity may be influenced by its subcellular location. It sulfates GlcNAc residues at terminal, non-reducing ends of oligosaccharide chains.

Synonyms:

C6ST; GlcNAc6ST-1; Gn6ST; GST-2; GST2

## **Product images:**



WB Suggested Anti-Chst2 Antibody Titration: 1.0 ug/ml

Positive Control: Mouse Brain