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Datasheet for ABIN7146679

anti-CHST1 antibody (AA 28-356) (HRP)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | CHST1 |
| Binding Specificity: | AA 28-356 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CHST1 antibody is conjugated to HRP |
| Application: | ELISA |

Product Details

| | |
|-------------------|---|
| Immunogen: | Recombinant Human Carbohydrate sulfotransferase 10 protein (28-356AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|--|
| Target: | CHST1 |
| Alternative Name: | CHST1 (CHST1 Products) |
| Background: | Background: Catalyzes the transfer of sulfate to position 3 of terminal glucuronic acid of both protein- and lipid-linked oligosaccharides. Participates in biosynthesis of HNK-1 carbohydrate |

Target Details

structure, a sulfated glucuronyl-lactosaminyl residue carried by many neural recognition molecules, which is involved in cell interactions during ontogenetic development and in synaptic plasticity in the adult. May be indirectly involved in synapse plasticity of the hippocampus, via its role in HNK-1 biosynthesis.

Aliases: CHST10Carbohydrate sulfotransferase 10 antibody, EC 2.8.2.- antibody, HNK-1 sulfotransferase antibody, HNK-1ST antibody, HNK1ST antibody, HuHNK-1ST antibody

UniProt: [O43529](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.