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Datasheet for ABIN7146677

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

Overview

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