

Product Information

Size:

50ug

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000,
IHC:1:20-1:200

Protein Background:

Catalyzes the transfer of sulfate to position 4 of non-reducing N-acetylgalactosamine (GalNAc) residues in both N-glycans and O-glycans. Participates in biosynthesis of glycoprotein hormones lutropin and thyrotropin, by mediating sulfation of their carbohydrate structures. Has a higher activity toward carbonic anhydrase VI than toward lutropin. Only active against terminal GalNAc β 1, GalNAc β . Isoform 2, but not isoform 1, is active toward chondroitin.

Gene ID:

CHST9

Uniprot

Q7L1S5

Synonyms:

Carbohydrate sulfotransferase 9 (EC 2.8.2) (GalNAc-4-O-sulfotransferase 2) (GalNAc-4-ST2) (GalNAc4ST-2) (N-acetylgalactosamine-4-O-sulfotransferase 2), CHST9

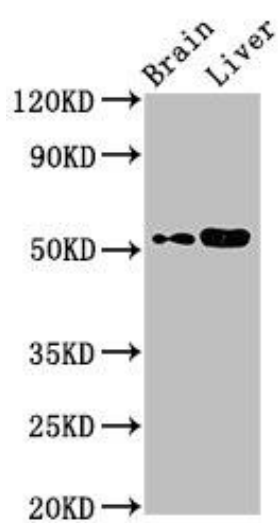
Immunogen:

Recombinant Human Carbohydrate sulfotransferase 9 protein (33-129AA).

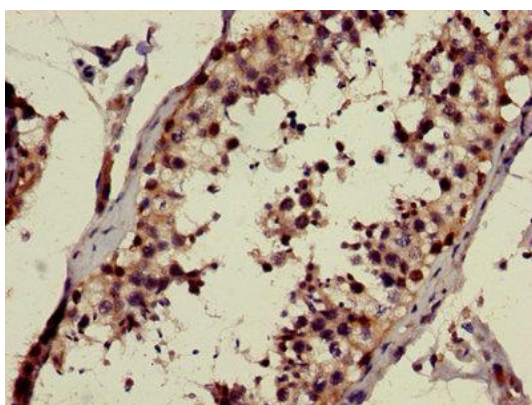
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images



Western Blot. Positive WB detected in: Mouse brain tissue, Mouse liver tissue. All lanes: CHST9 antibody at 2.8 μ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 53 kDa. Observed band size: 53 kDa.



Immunohistochemistry of paraffin-embedded human testis tissue using PACO53478 at dilution of 1:100.