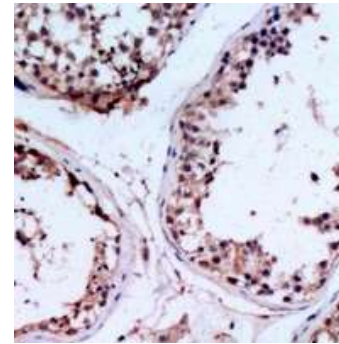


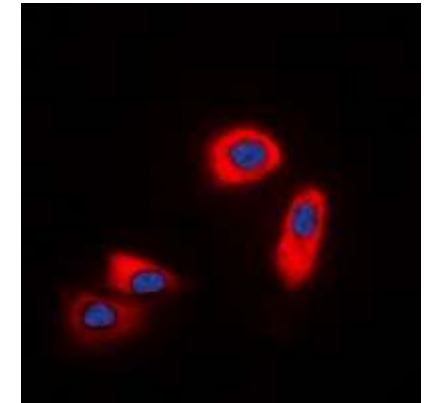
## Anti-CHST9 Antibody

|                            |  |
|----------------------------|--|
| <b>CATALOG NO:</b>         | A1177-100  |
| <b>ALTERNATIVE NAMES:</b>  | Carbohydrate sulfotransferase 9, GalNAc-4-O-sulfotransferase 2, GalNAc-4-ST2, GalNAc4ST-2, N-acetylgalactosamine-4-O-sulfotransferase 2  |
| <b>AMOUNT:</b>             | 100 µl   |
| <b>IMMUNOGEN:</b>          | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CHST9   |
| <b>HOST/ISOTYPE:</b>       | Rabbit IgG   |
| <b>CLONALITY:</b>          | Polyclonal   |
| <b>SPECIFICITY:</b>        | Recognizes endogenous levels of CHST9 protein  |
| <b>SPECIES REACTIVITY:</b> | Human, Monkey  |
| <b>PURIFICATION:</b>       | The antibody was purified by affinity chromatography   |
| <b>FORM:</b>               | Liquid   |
| <b>FORMULATION:</b>        | Supplied in 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide  |
| <b>STORAGE CONDITIONS:</b> | Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles   |
| <b>DESCRIPTION:</b>        | 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 GalNAcbeta1, GalNAcbeta. Isoform 2, but not isoform 1, is active toward chondroitin. |
| <b>APPLICATION:</b>        | WB; 1:500 – 1:2000, IHC; 1:50 – 1:200, IF/IC; 1:50 – 1:100   |

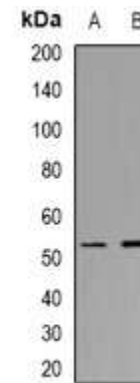
**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



Immunohistochemical analysis of CHST9 staining in human testis formalin fixed paraffin embedded tissue section



CHST9 staining in HepG2 cells



Western blot analysis of CHST9 expression in A549 (A); HepG2 (B) whole cell lysates

### RELATED PRODUCTS:

- PPAR gamma Antibody (Cat. No. 3809-100)
- DNMT1 Antibody (Cat. No. 3946-100)
- KLF4 Antibody (4G6E11) (Cat. No. 5300-100)
- NIF1 Antibody (Cat. No. 3737-100)

**FOR RESEARCH USE ONLY! Not to be used on humans.**