

## Rabbit anti-Human, Mouse CHST9 Polyclonal Antibody | anti-CHST9 antibody

CHST9 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA233731 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot, ELISA |

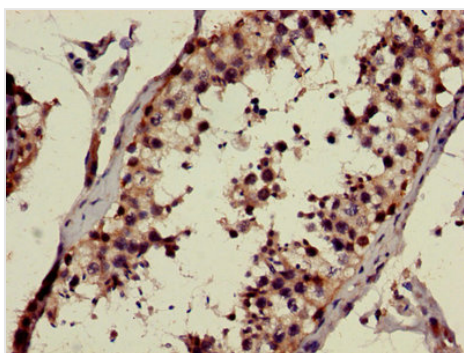
### PRODUCT SYNONYMS

CHST9; Polyclonal Antibody; CHST9 Antibody; Carbohydrate sulfotransferase 9; GalNAc-4-O-sulfotransferase 2; GalNAc-4-ST2; GalNAc4ST-2; N-acetylgalactosamine-4-O-sulfotransferase 2; UNQ2549/PRO6175; anti-CHST9 antibody

### PRODUCT SPECIFICATIONS

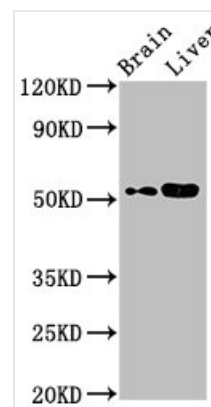
|                                                 |                                                                                  |
|-------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                           |
| Reactivity                                      | Human, Mouse                                                                     |
| Clonality                                       | Polyclonal                                                                       |
| Isotype                                         | IgG                                                                              |
| Purity/Purification                             | >95%, Protein G purified                                                         |
| Form/Format                                     | Liquid                                                                           |
| Sequence Length                                 | 74                                                                               |
| Applicable Applications for anti-CHST9 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                             |
| Immunogen                                       | Recombinant Human Carbohydrate sulfotransferase 9 protein (33-129AA)             |
| Conjugation                                     | Non-conjugated                                                                   |
| Buffer                                          | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Preparation and Storage                         | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.      |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human testis tissue using AAA233731 at dilution of 1:100



**WB (Western Blot)**

Western BlotPositive WB detected in: Mouse brain tissue, Mouse liver tissueAll lanes: CHST9 antibody at 2.8ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 53 KDaObserved band size: 53 KDa

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CHST9 antibody | 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. |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| NCBI GI #                        | 372622389                                 |
| NCBI GeneID                      | 83539                                     |
| NCBI Accession #                 | NP_001243245.1                            |
| NCBI GenBank Nucleotide #        | NM_001256316.1                            |
| UniProt Accession #              | Q7L1S5; Q6UX69; Q9BXH3; Q9BXH4; Q9BZW9    |
| Molecular Weight                 | 8,591 Da                                  |
| NCBI Official Full Name          | carbohydrate sulfotransferase 9 isoform 2 |
| NCBI Official Synonym Full Names | carbohydrate sulfotransferase 9           |
| NCBI Official Symbol             | CHST9                                     |
| NCBI Official Synonym Symbols    | GalNAc4ST2; GALNAC4ST-2                   |
| NCBI Protein Information         | carbohydrate sulfotransferase 9           |
| UniProt Protein Name             | Carbohydrate sulfotransferase 9           |
| UniProt Gene Name                | CHST9                                     |
| UniProt Synonym Gene Names       | GalNAc-4-ST2; GalNAc4ST-2                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/chst9-antibody-immunohistochemistry-western-blot-elisa/233731>