

## Rabbit anti-Human, mouse CHST2 Polyclonal Antibody | anti-CHST2 antibody

CHST2 Antibody (C-term)

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS        |
|-----------|--------|--------------|---------------------|
| AAA287225 | Rabbit | Human, mouse | ELISA, Western Blot |

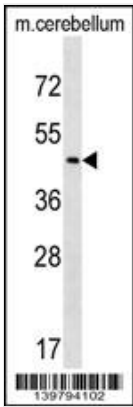
### PRODUCT SYNONYMS

CHST2; Polyclonal Antibody; CHST2 Antibody (C-term); Carbohydrate sulfotransferase 2; 282-; Galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 2; GST-2; N-acetylglucosamine 6-O-sulfotransferase 1; GlcNAc6ST-1; Gn6ST-1; GN6ST; anti-CHST2 antibody

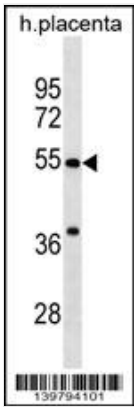
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human, mouse                                                                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This CHST2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 493-522 amino acids from the C-terminal region of human CHST2.       |
| Purity/Purification                             | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                   | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                              | 493-522                                                                                                                                                                      |
| Sequence Length                                 | 483                                                                                                                                                                          |
| Applicable Applications for anti-CHST2 antibody | ELISA, WB (Western Blot)                                                                                                                                                     |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

IMAGES



WB (Western Blot)  
CHST2 Antibody (C-term) western blot analysis in mouse cerebellum tissue lysates (35ug/lane).This demonstrates the CHST2 antibody detected the CHST2 protein (arrow).



WB (Western Blot)  
CHST2 Antibody (C-term) western blot analysis in human placenta tissue lysates (35ug/lane).This demonstrates the CHST2 antibody detected the CHST2 protein (arrow).

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CHST2 antibody | N-acetylglucosamine-6-O-sulfotransferases, such as CHST2, catalyze the transfer of sulfate from 3-prime-phosphoadenosine 5-prime-phosphosulfate (PAPS) to position 6 of a nonreducing N-acetylglucosamine (GlcNAc) residue (Uchimura et al., 1998 [PubMed 9722682]).                          |
| References                                          | Shimada, M., et al. Hum. Genet. 128(4):433-441(2010)<br>Ross, C.J., et al. Nat. Genet. 41(12):1345-1349(2009)<br>Desko, M.M., et al. Glycobiology 19(10):1068-1077(2009)<br>Saito, A., et al. J. Hum. Genet. 54(6):317-323(2009)<br>Kano, A., et al. Glycoconj. J. 23 (5-6), 453-460 (2006) : |

NCBI AND UNIPROT INFORMATION

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| NCBI GI #                        | 27369497                                                  |
| NCBI GeneID                      | 9435                                                      |
| NCBI Accession #                 | NP_004258.2                                               |
| NCBI GenBank Nucleotide #        | NM_004267.4                                               |
| UniProt Accession #              | Q9Y4C5; Q2M370; Q9GZN5; Q9UED5; Q9Y6F2; D3DNG5            |
| Molecular Weight                 | 57857                                                     |
| NCBI Official Full Name          | carbohydrate sulfotransferase 2                           |
| NCBI Official Synonym Full Names | carbohydrate (N-acetylglucosamine-6-O) sulfotransferase 2 |
| NCBI Official Symbol             | CHST2                                                     |
| NCBI Official Synonym Symbols    | C6ST; GST2; GST-2; Gn6ST-1; HEL-S-75; glcNAc6ST-1         |
| NCBI Protein Information         | carbohydrate sulfotransferase 2                           |
| UniProt Protein Name             | Carbohydrate sulfotransferase 2                           |
| UniProt Gene Name                | CHST2                                                     |
| UniProt Synonym Gene Names       | GN6ST; GST-2; GlcNAc6ST-1; Gn6ST-1                        |
| UniProt Entry Name               | CHST2_HUMAN                                               |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/chst2-antibody-western-blot-elisa/287225>