

## Rabbit GSC Polyclonal Antibody | anti-GSC antibody

GSC antibody - N-terminal region

|                              |                       |                                                       |                                                           |
|------------------------------|-----------------------|-------------------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA23404</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Cow, Dog, Human, Mouse, Pig, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|------------------------------|-----------------------|-------------------------------------------------------|-----------------------------------------------------------|

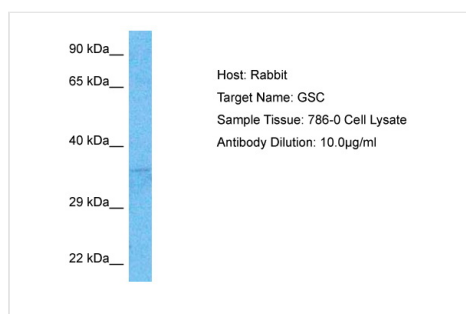
### PRODUCT SYNONYMS

GSC; Polyclonal Antibody; GSC antibody - N-terminal region; anti-GSC antibody

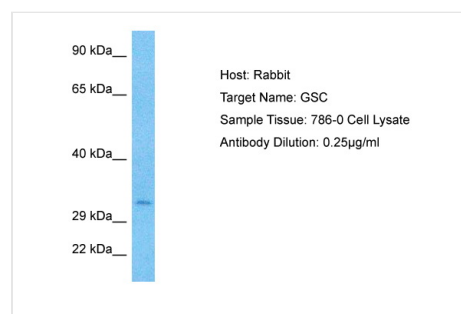
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                       |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                |
| Reactivity                                    | Cow, Dog, Human, Mouse, Pig, Rat                                                                                                                      |
| Clonality                                     | Polyclonal                                                                                                                                            |
| Purity/Purification                           | Affinity Purified                                                                                                                                     |
| Form/Format                                   | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                      | Synthetic peptide with the following region: FP ALHGDSLYGA SGGASSDYGA FYPRPVAPGG AGLPAAVSGS RLGYNMYF                                                  |
| Sequence Length                               | 257                                                                                                                                                   |
| Applicable Applications for anti-GSC antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Homology                                      | Cow: 86%; Dog: 92%; Human: 100%; Mouse: 85%; Pig: 100%; Rat: 85%                                                                                      |
| Immunogen                                     | The immunogen is a synthetic peptide directed towards the N terminal region of human GSC                                                              |
| Preparation and Storage                       | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

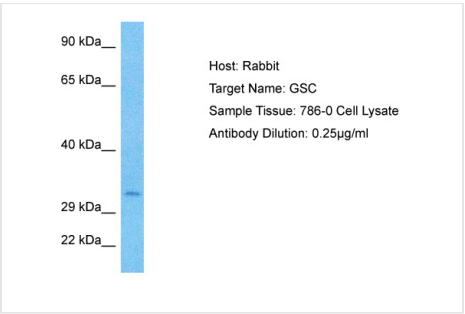
### IMAGES


**WB (Western Blot)**

Host: Rabbit Target Name: GSC Sample Type: 786-O Whole Cell lysates Antibody Dilution: 10 µg/ml

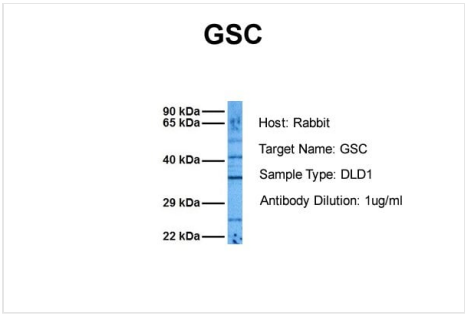

**WB (Western Blot)**

Host: Rabbit Target Name: GSC Sample Type: 786-O Whole Cell lysates Antibody Dilution: 0.25 µg/ml



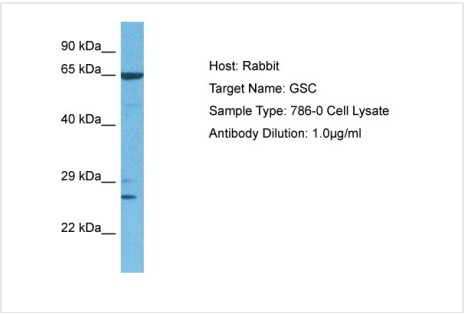
**WB (Western Blot)**

Host: RabbitTarget Name: GSCSample Type: 786-0 Whole Cell lysatesAntibody Dilution: 0.25ug/ml



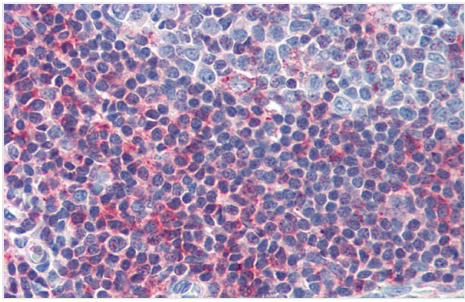
**WB (Western Blot)**

Host: RabbitTarget Name: GSCSample Tissue: Human DLD1Antibody Dilution: 1.0ug/ml



**WB (Western Blot)**

Host: RabbitTarget Name: GSCSample Tissue: Human 786-0 Whole CellAntibody Dilution: 1ug/ml



**IHC (Immunohistochemistry)**

Immunohistochemistry with Human Tonsil lysate tissue at an antibody concentration of 5.0ug/ml using anti-GSC antibody

**ADDITIONAL INFORMATION**

|                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Related Product Information for anti-GSC antibody</b></p> | <p>This is a rabbit polyclonal antibody against GSC. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: GSC regulates chordin (CHRD). GSC may play a role in spatial programming within discrete embryonic fields or lineage compartments during organogenesis.This gene encodes a member of the bicoid subfamily of the paired (PRD) homeobox family of proteins. The encoded protein acts as a transcription factor and may be autoregulatory. A similar protein in mice plays a role in craniofacial and rib cage development during embryogenesis.</p> |
| <p><b>Product Categories/Family for anti-GSC antibody</b></p>   | <p>Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Developmental Biology; Stem Cells; Immunohistochemistry; Cell Structure; Transcription Factors</p>                                                                                                                                                                                                                                                                                                                                                                                                                    |

**NCBI AND UNIPROT INFORMATION**

|                                  |                           |
|----------------------------------|---------------------------|
| NCBI GI #                        | 27777663                  |
| NCBI GeneID                      | 145258                    |
| NCBI Accession #                 | NP_776248                 |
| NCBI GenBank Nucleotide #        | NM_173849                 |
| UniProt Accession #              | P56915                    |
| Molecular Weight                 | 28kDa                     |
| NCBI Official Full Name          | homeobox protein gooseoid |
| NCBI Official Synonym Full Names | gooseoid homeobox         |
| NCBI Official Symbol             | GSC                       |
| NCBI Official Synonym Symbols    | SAMS                      |

|                          |                            |
|--------------------------|----------------------------|
| NCBI Protein Information | homeobox protein goosecoid |
| UniProt Protein Name     | Homeobox protein goosecoid |
| UniProt Gene Name        | <b>GSC</b>                 |
| UniProt Entry Name       | GSC_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gsc-antibody-immunohistochemistry-western-blot-elisa/23404>