

## Goat DCN / Decorin Polyclonal Antibody | anti-DCN antibody

Goat Polyclonal to Human DCN / Decorin

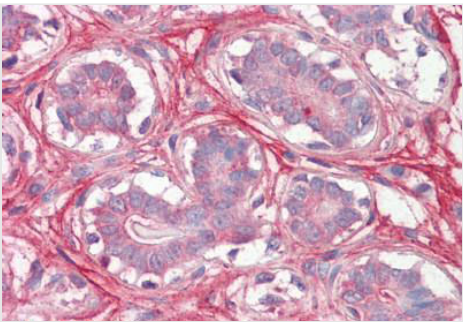
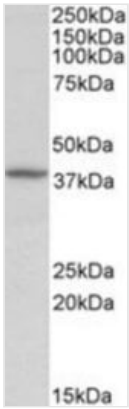
| CATALOG # | HOST | REACTIVITY                                                                                                         | APPLICATIONS                              |
|-----------|------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| AAA51757  | Goat | Gibbon, Chimpanzee, Gorilla, Human, Monkey<br>Predicted Reactivity: Pig (at least 90% immunogen sequence identity) | ELISA, Western Blot, Immunohistochemistry |

### PRODUCT SYNONYMS

DCN / Decorin; Polyclonal Antibody; Goat Polyclonal to Human DCN / Decorin; Anti-DCN / Decorin Antibody (Internal) IHC-plus; DCN; CSCD; Decorin proteoglycan; PG-S2; PG40; Proteoglycan core protein; SLRR1B; Small leucine-rich protein 1B; PGII; PGS2; Bone proteoglycan II; Decorin; DSPG2; Human DCN; anti-DCN antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Goat                                                                                                                                                                                                                                                                                                                                                       |
| Reactivity                                    | Gibbon, Chimpanzee, Gorilla, Human, Monkey<br><b>Predicted Reactivity:</b> Pig (at least 90% immunogen sequence identity)                                                                                                                                                                                                                                  |
| Clonality                                     | Polyclonal                                                                                                                                                                                                                                                                                                                                                 |
| Specificity                                   | Human DCN / Decorin. This antibody is expected to recognize the three reported isoforms a, b and c (NP_001911.1; NP_598011.1; NP_598012.1 resp.). Reported variants NP_598010.1 and NP_001911.1 represent identical protein.                                                                                                                               |
| Purity/Purification                           | Immunoaffinity Purified                                                                                                                                                                                                                                                                                                                                    |
| Form/Format                                   | Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide                                                                                                                                                                                                                                                                                                 |
| Concentration                                 | 0.5 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                  |
| Sequence Length                               | 359                                                                                                                                                                                                                                                                                                                                                        |
| Applicable Applications for anti-DCN antibody | ELISA, WB (Western Blot), IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                                       |
| Target Species                                | Human                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen Description                         | Synthetic peptide C-KISRVDAASLKGLNN from an internal region of human DCN / Decorin (NP_001911.1; NP_598011.1; NP_598012.1;).                                                                                                                                                                                                                               |
| Immunogen Type                                | Synthetic peptide                                                                                                                                                                                                                                                                                                                                          |
| Immunogen                                     | DCN / Decorin antibody was raised against synthetic peptide C-KISRVDAASLKGLNN from an internal region of human DCN / Decorin (NP_001911.1; NP_598011.1; NP_598012.1;). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey (100%); Pig (93%); Marmoset, Sheep, Goat, Bat, Bovine, Guinea pig (87%); Elephant, Dog, Horse (80%). |
| Antigen Modification                          | Internal                                                                                                                                                                                                                                                                                                                                                   |
| Preparation and Storage                       | Store at -20 degree C. Minimize freezing and thawing.                                                                                                                                                                                                                                                                                                      |



**IHC (Immunohistochemistry)**  
Anti-Decorin antibody IHC of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 3.75 ug/ml.

**WB (Western Blot)**  
DCN antibody (0.5 ug/ml) staining of Human Kidney lysate (35 ug protein/ml in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4503271                                                                                                                                                  |
| NCBI GeneID                      | 1634                                                                                                                                                     |
| NCBI Accession #                 | NP_001911.1                                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_001920.3                                                                                                                                              |
| UniProt Accession #              | P07585; Q9P0Z0; Q9P0Z1; Q9Y5N8; Q9Y5N9                                                                                                                   |
| Molecular Weight                 | 8,266 Da                                                                                                                                                 |
| NCBI Official Full Name          | decorin isoform a preproprotein                                                                                                                          |
| NCBI Official Synonym Full Names | decorin                                                                                                                                                  |
| NCBI Official Symbol             | DCN                                                                                                                                                      |
| NCBI Official Synonym Symbols    | CSCD; PG40; PGII; PGS2; DSPG2; SLRR1B                                                                                                                    |
| NCBI Protein Information         | decorin; PG-S2; bone proteoglycan II; decorin proteoglycan; proteoglycan core protein; small leucine-rich protein 1B; dermatan sulphate proteoglycans II |
| UniProt Protein Name             | Decorin                                                                                                                                                  |
| UniProt Gene Name                | DCN                                                                                                                                                      |
| UniProt Synonym Gene Names       | SLRR1B                                                                                                                                                   |
| UniProt Entry Name               | PGS2_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.