

## Rabbit DCN Polyclonal Antibody | anti-DCN antibody

DCN Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA303409 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

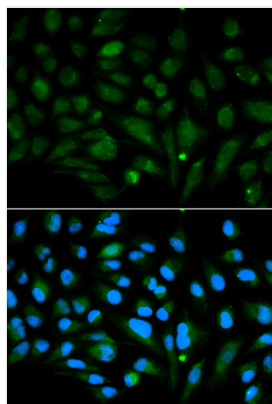
### PRODUCT SYNONYMS

DCN; Polyclonal Antibody; DCN Antibody; CSCD; DSPG2; PG40; PGII; PGS2; anti-DCN antibody

### PRODUCT SPECIFICATIONS

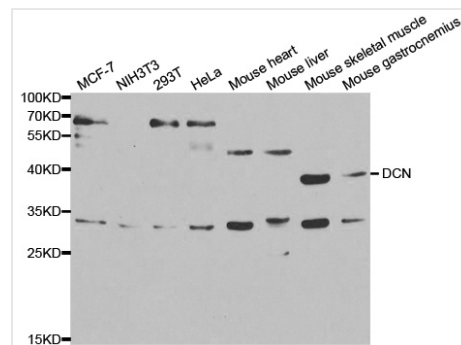
|                                               |                                                                                                                                                              |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                       |
| Reactivity                                    | Human, Mouse, Rat                                                                                                                                            |
| Clonality                                     | Polyclonal                                                                                                                                                   |
| Specificity                                   | The antibody detects endogenous level of total DCN protein.                                                                                                  |
| Purity/Purification                           | Antibodies were purified by affinity purification using immunogen.                                                                                           |
| Form/Format                                   | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                 | 1.0 mg/ml (varies by lot)                                                                                                                                    |
| Sequence Length                               | 359                                                                                                                                                          |
| Applicable Applications for anti-DCN antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                       |
| Immunogen Type                                | Recombinant Protein                                                                                                                                          |
| Immunogen Description                         | Recombinant protein of human DCN.                                                                                                                            |
| Target Name                                   | DCN                                                                                                                                                          |
| Preparation and Storage                       | Store at -20 degree C                                                                                                                                        |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cell using DCN antibody. Blue: DAPI for nuclear staining.



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using DCN antibody.

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DCN antibody | The protein encoded by this gene is a small cellular or pericellular matrix proteoglycan that is closely related in structure to biglycan protein. The encoded protein and biglycan are thought to be the result of a gene duplication. This protein is a component of connective tissue, binds to type I collagen fibrils, and plays a role in matrix assembly. It contains one attached glycosaminoglycan chain. This protein is capable of suppressing the growth of various tumor cell lines. There are multiple alternatively spliced transcript variants known for this gene. This gene is a candidate gene for Marfan syndrome. |
| Product Categories/Family for anti-DCN antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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                                |
| 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.

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/dcn-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/303409>