

**DCN Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6590c****Specification**

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**DCN Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [P07585](#)

**DCN Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 1634

**Other Names**

Decorin, Bone proteoglycan II, PG-S2, PG40, DCN, SLRR1B

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6590c](/products/AP6590c) was selected from the Center region of human DCN. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**DCN Antibody (Center) Blocking Peptide - Protein Information**

**Name** DCN

**Synonyms** SLRR1B

**Function**

May affect the rate of fibrils formation.

**Cellular Location**

Secreted, extracellular space, extracellular matrix. Secreted

**Tissue Location**

Detected in placenta (at protein level) (PubMed:32337544). Detected in cerebrospinal fluid, fibroblasts and urine (at protein level) (PubMed:25326458, PubMed:36213313, PubMed:37453717).

## **DCN Antibody (Center) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

## **DCN Antibody (Center) Blocking Peptide - Images**

## **DCN Antibody (Center) Blocking Peptide - Background**

DCN is a small cellular or pericellular matrix proteoglycan that is closely related in structure to biglycan protein. The 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.

## **DCN Antibody (Center) Blocking Peptide - References**

Goldoni,S., J. Cell Biol. 185 (4), 743-754 (2009)