

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