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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).

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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)