

**COL2A1 Antibody (N-term) Blocking peptide**  
**Catalog # BP1418a****Specification**

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**COL2A1 Antibody (N-term) Blocking peptide - Product Information**Primary Accession [P02458](#)**COL2A1 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 1280**Other Names**

Collagen alpha-1(II) chain, Alpha-1 type II collagen, Collagen alpha-1(II) chain, Chondrocalcin, COL2A1

**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.

**COL2A1 Antibody (N-term) Blocking peptide - Protein Information****Name** COL2A1 ([HGNC:2200](#))**Function**

Type II collagen is specific for cartilaginous tissues. It is essential for the normal embryonic development of the skeleton, for linear growth and for the ability of cartilage to resist compressive forces.

**Cellular Location**

Secreted, extracellular space, extracellular matrix {ECO:0000255|PROSITE-ProRule:PRU00793}

**Tissue Location**

Isoform 2 is highly expressed in juvenile chondrocyte and low in fetal chondrocyte.

**COL2A1 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**COL2A1 Antibody (N-term) Blocking peptide - Images**