

**COL21A1 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12150a****Specification**

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**COL21A1 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [Q96P44](#)

**COL21A1 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 81578

**Other Names**

Collagen alpha-1(XI) chain, COL21A1, COL1AL

**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.

**COL21A1 Antibody (N-term) Blocking peptide - Protein Information**

**Name** COL21A1

**Synonyms** COL1AL

**Cellular Location**

Secreted, extracellular space, extracellular matrix. Cytoplasm. Note=Found in the extracellular matrix component of blood vessel walls and in the cytoplasm of cultured human aortic smooth muscle

**Tissue Location**

Highly expressed in lymph node, jejunum, pancreas, stomach, trachea, testis, uterus and placenta; moderately expressed in brain, colon, lung, prostate, spinal cord, salivary gland and vascular smooth-muscle cells and very weakly expressed in heart, liver, kidney, bone marrow, spleen, thymus, skeletal muscle, adrenal gland and peripheral leukocytes. Expression in heart was higher in the right ventricle and atrium than in the left ventricle and atrium

**COL21A1 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**COL21A1 Antibody (N-term) Blocking peptide - Images****COL21A1 Antibody (N-term) Blocking peptide - Background**

This gene encodes the alpha chain of type XXI collagen, a member of the FACIT collagen family (fibril-associated collagens with interrupted helices). Type XXI collagen is localized to tissues containing type I collagen so, like other members of this collagen family, it may serve to maintain the integrity of the extracellular matrix. An alternatively spliced transcript variant has been described, but its full-length nature has yet to be determined.

**COL21A1 Antibody (N-term) Blocking peptide - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ; Chou, M.Y., et al. Genomics 79(3):395-401(2002) Tuckwell, D. Matrix Biol. 21(1):63-66(2002) Fitzgerald, J., et al. FEBS Lett. 505(2):275-280(2001)