10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

COL21A1 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP12150a

Specification

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(XXI) 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, amember of the FACIT collagen family (fibril-associated collagenswith interrupted helices). Type XXI collagen is localized totissues containing type I collagen so, like other members of thiscollagen family, it may serve to maintain the integrity of theextracellular matrix. An alternatively spliced transcript varianthas been described, but its full-length nature has yet to bedetermined.

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)