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COL19A1 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP18907a

Specification

COL19A1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q14993

COL19A1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 1310

Other Names
Collagen alpha-1(XIX) chain, Collagen alpha-1(Y) chain, COL19A1

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.

COL19A1 Antibody (N-term) Blocking Peptide - Protein Information

Name COL19A1

Function
May act as a cross-bridge between fibrils and other extracellular matrix molecules. Involved in skeletal myogenesis in the developing esophagus. May play a role in organization of the pericellular matrix or the sphinteric smooth muscle.

Cellular Location
Secreted, extracellular space, extracellular matrix

Tissue Location
Localized to vascular, neuronal, mesenchymal, and some epithelial basement membrane zones in umbilical cord

COL19A1 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

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COL19A1 Antibody (N-term) Blocking Peptide - Images

COL19A1 Antibody (N-term) Blocking Peptide - Background

This gene encodes the alpha chain of type XIX collagen, amember of the FACIT collagen family (fibril-associated collagenswith interrupted helices). Although the function of this collagenis not known, other members of this collagen family are found inassociation with fibril-forming collagens such as type I and II,and serve to maintain the integrity of the extracellular matrix.The transcript produced from this gene has an unusually large 3'UTR which has not been completely sequenced.

COL19A1 Antibody (N-term) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Barber, M.J., et al. PLoS ONE 5 (3), E9763 (2010) :Boudko, S.P., et al. J. Biol. Chem. 283(49):34345-34351(2008)Kapyla, J., et al. J. Biol. Chem. 279(49):51677-51687(2004)Mungall, A.J., et al. Nature 425(6960):805-811(2003)