

COL19A1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP10475a**Specification**

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

Primary Accession [O14993](#)
Other Accession [NP_001849.2](#)

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](#)

COL19A1 Antibody (N-term) Blocking Peptide - Images**COL19A1 Antibody (N-term) Blocking Peptide - Background**

COL19A1 encodes the alpha chain of type XIX collagen, a member of the FACIT collagen family (fibril-associated collagens with interrupted helices). Although the function of this collagen is not known, other members of this collagen family are found in association 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) ; Kopyla, J., et al. J. Biol. Chem. 279(49):51677-51687 (2004) ; Mungall, A.J., et al. Nature 425(6960):805-811 (2003)