

COL19A1 Antibody (N-term) Blocking PeptideSynthetic 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 NamesCollagen 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

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

This gene 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) ; Kapyla, J., et al. J. Biol. Chem. 279(49):51677-51687(2004) ; Mungall, A.J., et al. Nature 425(6960):805-811(2003)

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](#)