

MATN3 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12958c**Specification**

MATN3 Antibody (Center) Blocking peptide - Product Information

Primary Accession [O15232](#)

MATN3 Antibody (Center) Blocking peptide - Additional Information

Gene ID 4148

Other Names
Matrilin-3, MATN3

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.

MATN3 Antibody (Center) Blocking peptide - Protein Information

Name MATN3

Function

Major component of the extracellular matrix of cartilage and may play a role in the formation of extracellular filamentous networks.

Cellular Location

Secreted {ECO:0000250|UniProtKB:O35701}.

Tissue Location

Expressed only in cartilaginous tissues, such as vertebrae, ribs and shoulders

MATN3 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

MATN3 Antibody (Center) Blocking peptide - Images

MATN3 Antibody (Center) Blocking peptide - Background

This gene encodes a member of von Willebrand factor A domain containing protein family. This family of proteins is thought to be involved in the formation of filamentous networks in the extracellular matrices of various tissues. This protein contains two von Willebrand factor A domains; it is present in the cartilage extracellular matrix and has a role in the development and homeostasis of cartilage and bone. Mutations in this gene result in multiple epiphyseal dysplasia.

MATN3 Antibody (Center) Blocking peptide - References

Joslyn, G., et al. Alcohol. Clin. Exp. Res. 34(5):800-812(2010) Zintzaras, E., et al. Am. J. Epidemiol. 171(8):851-858(2010) Otten, C., et al. Hum. Mutat. 31(3):254-263(2010) Klatt, A.R., et al. FEBS Lett. 583(22):3611-3617(2009) Vincourt, J.B., et al. Arthritis Rheum. 58(9):2798-2808(2008)