

MATN3 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12958c**Specification**

MATN3 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O15232
Other Accession	NP_002372.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	52817
Antigen Region	220-248

MATN3 Antibody (Center) - Additional Information**Gene ID** 4148**Other Names**

Matrilin-3, MATN3

Target/Specificity

This MATN3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 220-248 amino acids from the Central region of human MATN3.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MATN3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

MATN3 Antibody (Center) - 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}.

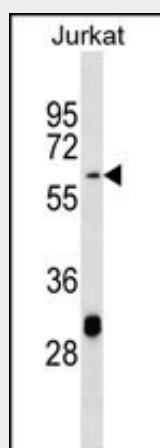
Tissue Location

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

MATN3 Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MATN3 Antibody (Center) - Images

MATN3 Antibody (Center) (Cat. #AP12958c) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the MATN3 antibody detected the MATN3 protein (arrow).

MATN3 Antibody (Center) - 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) - 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)