

Rabbit anti-Human MATN1 Polyclonal Antibody | anti-MATN1 antibody

MATN1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286522	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

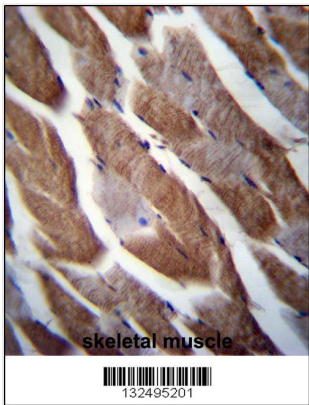
PRODUCT SYNONYMS

MATN1; Polyclonal Antibody; MATN1 Antibody (C-term); Cartilage matrix protein; Matrilin-1; CMP; CRTM; anti-MATN1 antibody

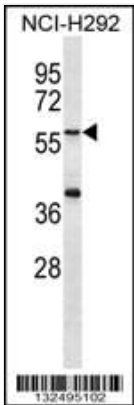
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MATN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 376-405 amino acids from the C-terminal region of human MATN1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	376-405
Sequence Length	496
Applicable Applications for anti-MATN1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
MATN1 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MATN1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
MATN1 Antibody (C-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the MATN1 antibody detected the MATN1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MATN1 antibody	This gene encodes a member of von Willebrand factor A domain containing protein family. This family of proteins are thought to be involved in the formation of filamentous networks in the extracellular matrices of various tissues. Mutations of this gene have been associated with variety of inherited chondrodysplasias.
Product Categories/Family for anti-MATN1 antibody	Signal Transduction
References	Jang, J.Y., et al. J. Dent. Res. 89(11):1203-1207(2010) Fresquet, M., et al. J. Biol. Chem. 285(44):34048-34061(2010) Wheeler, H.E., et al. PLoS Genet. 5 (10), E1000685 (2009) : Chen, Z.J., et al. Zhonghua Wai Ke Za Zhi 47(17):1332-1335(2009) Caporaso, N., et al. PLoS ONE 4 (2), E4653 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505111
NCBI GeneID	4146
NCBI Accession #	NP_002370.1
NCBI GenBank Nucleotide #	NM_002379.3
UniProt Accession #	P21941; Q5TBB9; B2R7E3
Molecular Weight	53701
NCBI Official Full Name	cartilage matrix protein
NCBI Official Synonym Full Names	matrilin 1, cartilage matrix protein
NCBI Official Symbol	MATN1
NCBI Official Synonym Symbols	CMP; CRTM
NCBI Protein Information	cartilage matrix protein
UniProt Protein Name	Cartilage matrix protein

UniProt Gene Name	MATN1
UniProt Synonym Gene Names	CMP; CRTM
UniProt Entry Name	MATN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/matn1-antibody-immunohistochemistry-western-blot-elisa/286522>