

Product datasheet

Anti-MATN1 antibody - C-terminal ab171188

2 Images

Overview

Product name	Anti-MATN1 antibody - C-terminal
Description	Rabbit polyclonal to MATN1 - C-terminal
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human MATN1 aa 383-413 (C terminal) conjugated to Keyhole Limpet Haemocyanin (KLH). The exact sequence is proprietary. Database link: P21941
Positive control	Human skeletal muscle tissue; NCH292 cell line lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Purification notes	ab171188 is purified through a protein A column, followed by peptide affinity purification.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab171188** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

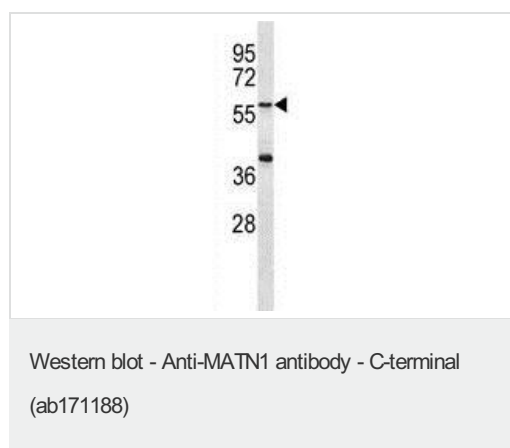
Application	Abreviews	Notes
IHC-P		1/10 - 1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Application	Abreviews	Notes
WB		1/100 - 1/500. Predicted molecular weight: 54 kDa.

Target

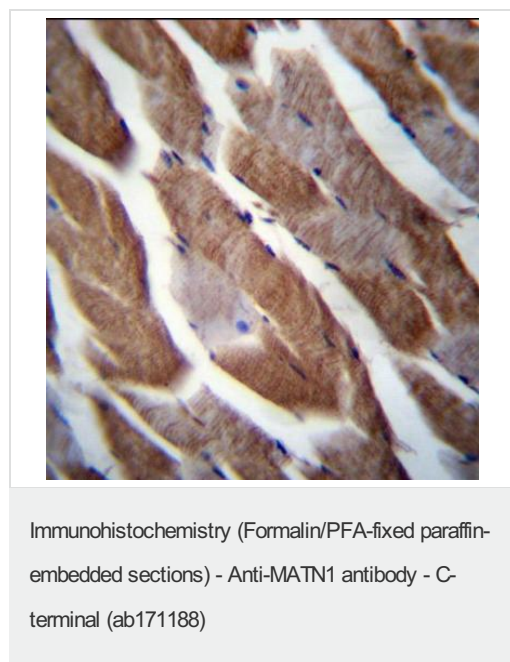
Function	Cartilage matrix protein is a major component of the extracellular matrix of non-articular cartilage. It binds to collagen.
Sequence similarities	Contains 1 EGF-like domain. Contains 2 VWFA domains.
Cellular localization	Secreted, extracellular space, extracellular matrix.

Images



Anti-MATN1 antibody - C-terminal (ab171188)
at 1/100 dilution + NCI-H292 cell line lysate at
35 µg

Predicted band size: 54 kDa



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human skeletal muscle tissue, labeling MATN1 with ab171188 at 1/10 dilution, followed by peroxidase conjugation of the secondary antibody and DAB staining.

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