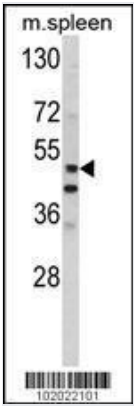
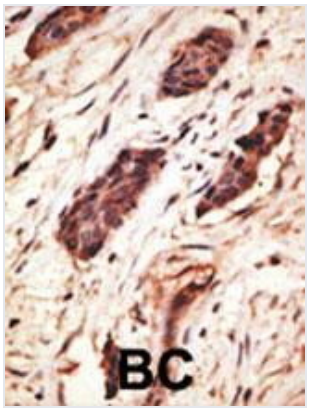
MMP10 (MMP3) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MMP10 (MMP3), Polyclonal Antibody
Full Product Name	MMP10, CT (Stromelysin-2, SL-2, Matrix Metalloproteinase-10, MMP-10, Transin-2, STMY2)
Product Gene Name	anti-MMP3 antibody
Product Synonym Names	Anti -MMP10, CT (Stromelysin-2, SL-2, Matrix Metalloproteinase-10, MMP-10, Transin-2, STMY2)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein G affinity chromatography.
Specificity	Recognizes human MMP10. Species Crossreactivity: mouse.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Chromosome Location	Chromosome: 9; NC_010451.3 (37394116..37401146, complement). Location: chromosome: 9
Immunogen	Synthetic peptide selected from the C-terminal region of human MMP10 (KLH).
Product Categories/Family for anti-MMP3 antibody	Antibodies; Abs to Matrix Metalloproteinases
Applications Tested/Suitable for anti-MMP3 antibody	ELISA (EL/EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-MMP3 antibody	Suitable for use in ELISA, Western Blot, and Immunohistochemistry. Dilution: ELISA: 1:1,000 Western Blot: 1:100-1:500 Immunohistochemistry: 1:50-1:100
Related Product Information for anti-MMP3 antibody	Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMPs are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. MMP10 degrades proteoglycans and fibronectin. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.
Other Notes	Small volumes of anti-MMP3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MMP3 purchase	MBS6013294 is an antibody targeting MMP3. Also known as MMP10, CT (Stromelysin-2, SL-2, Matrix Metalloproteinase-10, MMP-10, Transin-2, STMY2). Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-MMP3 antibody
Western blot analysis of hMMP10-R409 in mouse spleen tissue lysates (35ug/lane). MMP10 (arrow) was detected using the purified Pab.



Immunohistochemistry (IHC) of anti-MMP3 antibody
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MMP3. It may not necessarily be applicable to this product.

NCBI GI #	199652494
NCBI GeneID	396769
NCBI Accession #	ACH91678.1
NCBI Official Full Name	matrix metallopeptidase 10
NCBI Official Symbol	MMP3
NCBI Official Synonym Symbols	MMP-3; MMP10
Protein Family	Stromelysin
NCBI Protein Information	stromelysin-1; matrix metalloproteinase 3
Research Articles on MMP3	**1.** The present study was aimed to determine the association between metalloproteinase 3 (MMP3), transforming growth factor beta 1 (TGFbeta1) and collagen type X alpha I (COL10A1) gene polymorphisms with traits related to leg weakness in pigs.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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