

Rabbit anti-Human MMP10 Polyclonal Antibody | anti-MMP10 antibody

MMP10 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284050	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

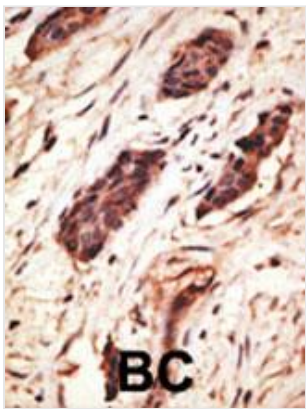
PRODUCT SYNONYMS

MMP10; Polyclonal Antibody; MMP10 Antibody (C-term); Stromelysin-2; SL-2; Matrix metalloproteinase-10; MMP-10; Transin-2; STMY2; anti-MMP10 antibody

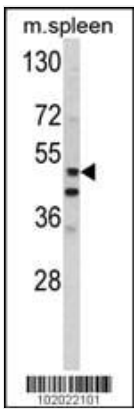
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MMP10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 394-423 amino acids from the C-terminal region of human MMP10.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.31 (varies by lot)
Sequence Positions	394-423
Sequence Length	476
Applicable Applications for anti-MMP10 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)
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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-MMP10 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.
Product Categories/Family for anti-MMP10 antibody	Cancer; Cardiovascular; Cell biology
References	Nagase, H., et al., J. Biol. Chem. 274(31):21491-21494 (1999). Pendas, A.M., et al., Genomics 37(2):266-268 (1996). Jung, J.Y., et al., Ann. Genet. 33(1):21-23 (1990). Sirum, K.L., et al., Biochemistry 28(22):8691-8698 (1989). Muller, D., et al., Biochem. J. 253(1):187-192 (1988).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505205
NCBI GeneID	4319
NCBI Accession #	NP_002416.1
NCBI GenBank Nucleotide #	NM_002425.2
UniProt Accession #	P09238; Q53HH9; B2R9X9
Molecular Weight	54151
NCBI Official Full Name	stromelysin-2 preproprotein
NCBI Official Synonym Full Names	matrix metallopeptidase 10
NCBI Official Symbol	MMP10
NCBI Official Synonym Symbols	SL-2; STMY2
NCBI Protein Information	stromelysin-2
UniProt Protein Name	Stromelysin-2
UniProt Gene Name	MMP10

UniProt Synonym Gene Names	STMY2; SL-2; MMP-10
UniProt Entry Name	MMP10_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://stage.aaabiotech.com/polyclonal/mmp10-antibody-immunohistochemistry-western-blot-elisa/284050>