

Rabbit anti-Mouse MMP1 (Matrix Mellatopeptidase 1) Polyclonal Antibody | anti-MMP1 antibody

MMP1 (Matrix Mellatopeptidase 1), N terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76679	Rabbit	Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, Immunocytochemistry

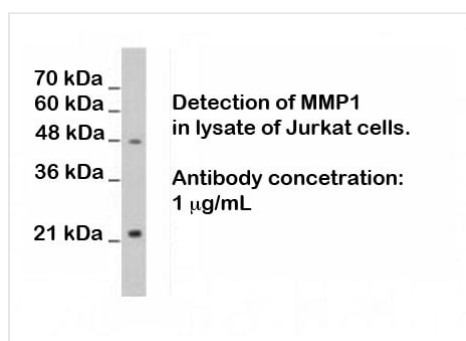
PRODUCT SYNONYMS

MMP1 (Matrix Mellatopeptidase 1); Polyclonal Antibody; N terminal region; anti-MMP1 antibody

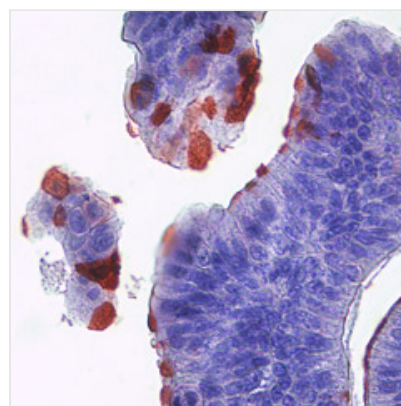
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Form/Format	Affinity Purified antibody Lyophilized powder
Applicable Applications for anti-MMP1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ICC (Immunocytochemistry)
Immunogen	Synthetic peptide
Preparation and Storage	The product can be stored as supplied for up to 12 months at 2-4 degree C. After reconstitution, aliquot and store at -20 degree C for higher stability or at 4 degree C with an appropriate antibacterial agent. Avoid freeze thaw-cycles.

IMAGES



WB (Western Blot)
Western blot analysis using RA21020



IHC (Immunohistochemistry)
Immunohistochemical detection of MMP1 in formalin fixed human ovarian carcinoma. 8 µm paraffin-embedded tissue sections were incubated with rabbit polyclonal antibody to MMP1 at 8 µg/mL overnight at 4 degree C followed by HRP/AEC detection (red) and counterstaining with hematoxylin (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-MMP1 antibody	MMP1 is a secreted enzyme which breaks down the interstitial collagens, types I, II, III, VII and X. This enzyme is 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505215
NCBI GeneID	4312
NCBI Accession #	NP_002412.1
NCBI GenBank Nucleotide #	NM_002421.3
UniProt Accession #	P03956; P08156
Molecular Weight	54,007 Da
NCBI Official Full Name	interstitial collagenase isoform 1 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 1 (interstitial collagenase)
NCBI Official Symbol	MMP1
NCBI Official Synonym Symbols	CLG; CLGN
NCBI Protein Information	interstitial collagenase; fibroblast collagenase; matrix metalloproteinase 1; matrix metalloproteinase 1
UniProt Protein Name	Interstitial collagenase
UniProt Gene Name	MMP1
UniProt Synonym Gene Names	CLG; MMP-1
UniProt Entry Name	MMP1_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/mmp1-matrix-mellatopeptidase-1-antibody-immunofluorescence-immunohistochemistry-western-blot-immunocytochemistry-elisa/76679>