

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

Polyclonal Antibody to Matrix Metalloproteinase 1 (MMP1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA149601	Rabbit	Mouse, Human, Pig, Goat, Sheep	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

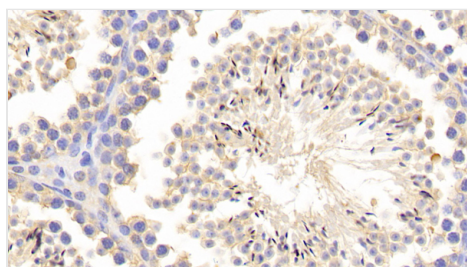
PRODUCT SYNONYMS

Matrix Metalloproteinase 1 (MMP1); Polyclonal Antibody; Polyclonal Antibody to Matrix Metalloproteinase 1 (MMP1); CLGN; CLG1; Collagenase; Interstitial Collagenase; Vertebrate Collagenase; Fibroblast Collagenase; anti-MMP1 antibody

PRODUCT SPECIFICATIONS

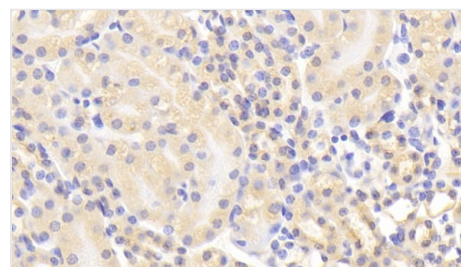
Host	Rabbit
Reactivity	Mouse, Human, Pig, Goat, Sheep
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against MMP1. It has been selected for its ability to recognize MMP1 in immunohistochemical staining and western blotting.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	500ug/ml (varies by lot)
Sequence	Ala98~Pro2 75
Applicable Applications for anti-MMP1 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Sequence	Ala98~Pro275
Cross Reactivity	Mouse
Conjugation	None
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



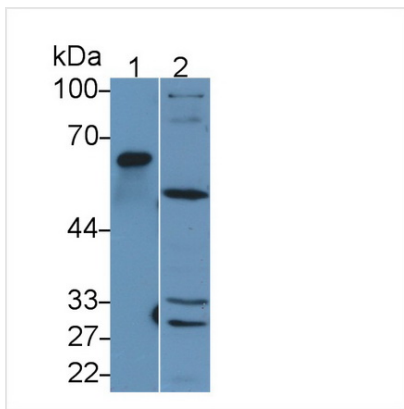
IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Mouse Testis Tissue; Primary Ab: 20?g/ml Rabbit Anti-Mouse MMP1 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Mouse Kidney Tissue; Primary Ab: 20?g/ml Rabbit Anti-Mouse MMP1 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)

Western Blot; Sample: Lane1: Porcine Cartilage lysate; Lane2: Human A375 cell lysate

Primary Ab: 1ug

ADDITIONAL INFORMATION

Product Categories/Family for anti-MMP1 antibody

Tumor Immunity; Infection Immunity; Cardiovascular Biology; Rheumatology

NCBI AND UNIPROT INFORMATION

NCBI GI #	14030785
NCBI GeneID	83995
NCBI Accession #	NP_114395.1
NCBI GenBank Nucleotide #	NM_032006.3
UniProt Accession #	Q9EPL5; Q149J4
Molecular Weight	53,488 Da
NCBI Official Full Name	interstitial collagenase A
NCBI Official Synonym Full Names	matrix metalloproteinase 1a (interstitial collagenase)
NCBI Official Symbol	Mmp1a
NCBI Official Synonym Symbols	McolA; Mcol-A
NCBI Protein Information	interstitial collagenase A
UniProt Protein Name	Interstitial collagenase A
UniProt Gene Name	Mmp1a
UniProt Synonym Gene Names	McolA; MMP-1a
UniProt Entry Name	MMP1A_MOUSE

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/matrix-metalloproteinase-1-mmp1-antibody-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/149601>