

Rabbit MMP2 Polyclonal Antibody | anti-MMP2 antibody

MMP2 Antibody

CATALOG # AAA225226	HOST Rabbit	APPLICATIONS Western Blot, Immunocytochemistry, Immunofluorescence
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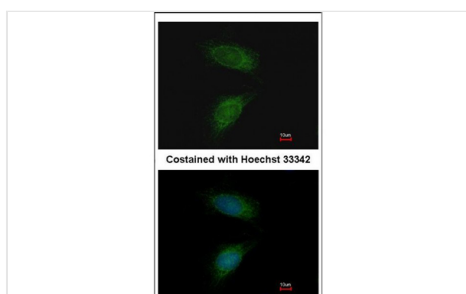
PRODUCT SYNONYMS

MMP2; Polyclonal Antibody; MMP2 Antibody; Affinity Purified Rabbit Polyclonal MMP2 Antibody; Polyclonal MMP2 antibody; Anti-MMP2 antibody; 72 kDa type IV collagenase antibody; MONA antibody; MMP-II antibody; gelatinase A antibody; MMP-2; 72 kDa gelatinase antibody; matrix metalloproteinase-II antibody; TBE-1 antibody; CLG4A antibody; MMP2 antibody; CLG4 antibody; MMP 2; matrix metalloproteinase-2 antibody; MMP 2 antibody; collagenase type IV-A antibody; MMP-2 antibody; anti-MMP2 antibody

PRODUCT SPECIFICATIONS

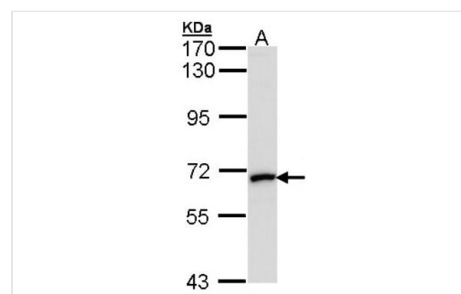
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.55 mg/ml (varies by lot)
Sequence Length	61
Applicable Applications for anti-MMP2 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	MMP2 antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 193 and 575 of MMP2
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



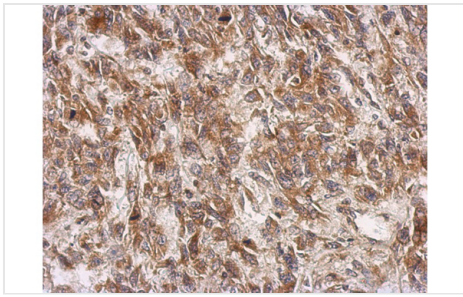
IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed HeLa, using MMP2 antibody at 1:200 dilution.



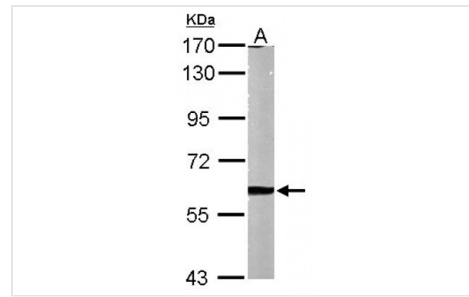
WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Hep G2) using a 7.5% SDS PAGE gel and MMP2 antibody at a dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded U251 xenograft using MMP2 antibody at a dilution of 1:500



WB (Western Blot)

Western blot analysis of 50 ug of whole cell lysate (A: Mouse brain) using a 7.5% SDS PAGE gel and MMP2 antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-MMP2 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 MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. This gene encodes an enzyme which degrades type IV collagen, the major structural component of basement membranes. The enzyme plays a role in endometrial menstrual breakdown, regulation of vascularization and the inflammatory response.
Product Categories/Family for anti-MMP2 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	88043756
NCBI GeneID	4313
Molecular Weight	74 kDa
NCBI Official Full Name	MMP2, partial
NCBI Official Synonym Full Names	matrix metalloproteinase 2
NCBI Official Symbol	MMP2
NCBI Official Synonym Symbols	CLG4; MONA; CLG4A; MMP-2; TBE-1; MMP-II
NCBI Protein Information	72 kDa type IV collagenase

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://www.aaabiotech.com/polyclonal/mmp2-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/225226>