

Rabbit MMP14 Polyclonal Antibody | anti-MMP14 antibody

MMP14 Polyclonal Antibody

CATALOG # AAA36972	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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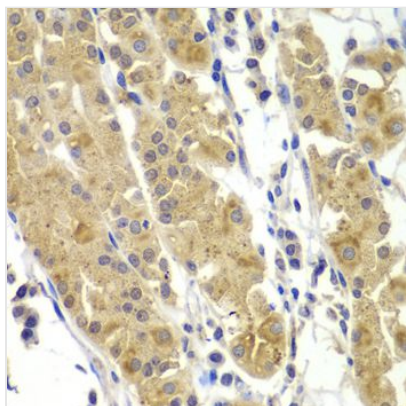
PRODUCT SYNONYMS

MMP14; Polyclonal Antibody; MMP14 Polyclonal Antibody; MMP-14; MMP-X1; MT-MMP; MT1MMP; MTMMP1; WNCHRS; MT1-MMP; MT-MMP 1; anti-MMP14 antibody

PRODUCT SPECIFICATIONS

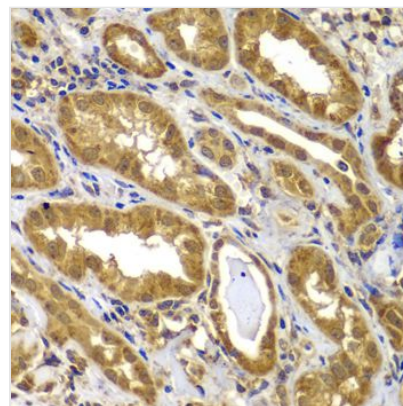
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	582
Applicable Applications for anti-MMP14 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human MMP14
Calculated Molecular Weight	65kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



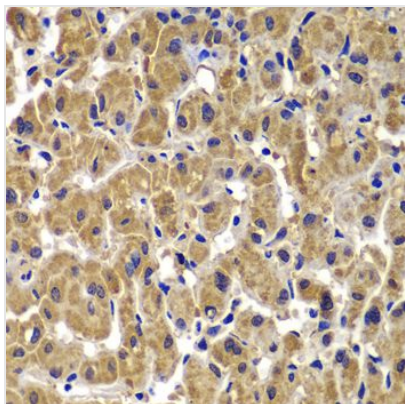
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using MMP14 antibody at dilution of 1:100 (40x lens).



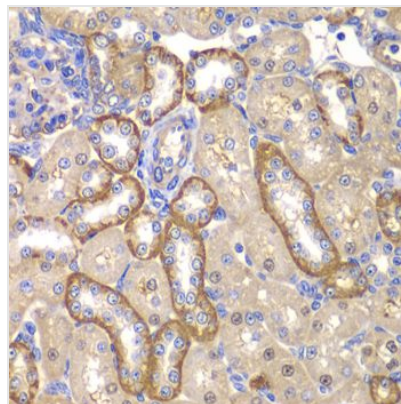
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using MMP14 antibody at dilution of 1:100 (40x lens).



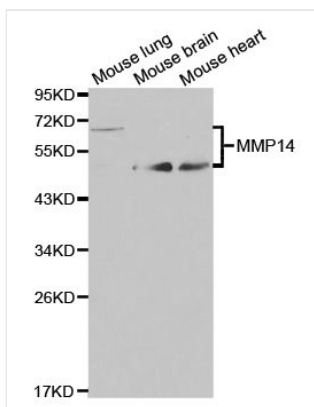
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using MMP14 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using MMP14 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MMP14 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-MMP14 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. However, the protein encoded by this gene is a member of the membrane-type MMP (MT-MMP) subfamily; each member of this subfamily contains a potential transmembrane domain suggesting that these proteins are expressed at the cell surface rather than secreted. This protein activates MMP2 protein, and this activity may be involved in tumor invasion.
Product Categories/Family for anti-MMP14 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373419
NCBI GeneID	4323
UniProt Accession #	P50281; Q6GSF3; Q92678; A8K5L0
Molecular Weight	582
NCBI Official Full Name	Matrix metalloproteinase-14
NCBI Official Synonym Full Names	matrix metalloproteinase 14 (membrane-inserted)

NCBI Official Symbol	MMP14
NCBI Official Synonym Symbols	MMP-14; MMP-X1; MT-MMP; MT1MMP; MTMMP1; WNCHRS; MT1-MMP; MT-MMP 1
NCBI Protein Information	matrix metalloproteinase-14; membrane type 1 metalloprotease; membrane-type-1 matrix metalloproteinase
UniProt Protein Name	Matrix metalloproteinase-14
UniProt Gene Name	MMP14
UniProt Synonym Gene Names	MMP-14; MT-MMP 1; MTMMP1; MT1-MMP; MT1MMP
UniProt Entry Name	MMP14_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/polyclonal/mmp14-antibody-immunohistochemistry-western-blot-elisa/36972>