

Rabbit MMP14 Polyclonal Antibody | anti-MMP14 antibody

MMP14 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30926	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

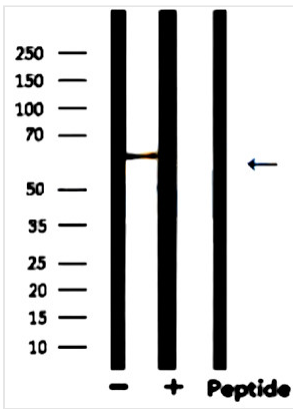
PRODUCT SYNONYMS

MMP14; Polyclonal Antibody; MMP14 Antibody; Matrix metalloproteinase 14 (membrane inserted); Matrix metalloproteinase 14; Matrix metalloproteinase-14; Membrane type 1 matrix metalloproteinase; Membrane type 1 metalloproteinase; Membrane type matrix metalloproteinase 1; Membrane-type matrix metalloproteinase 1; Membrane-type-1 matrix metalloproteinase; MMP 14; MMP X1; MMP-14; MMP-X1; Mmp14; MMP14_HUMAN; MMPX1; MT MMP 1; MT-MMP 1; MT1 MMP; MT1-MMP; MT1MMP; MTMMP 1; MTMMP1; anti-MMP14 antibody

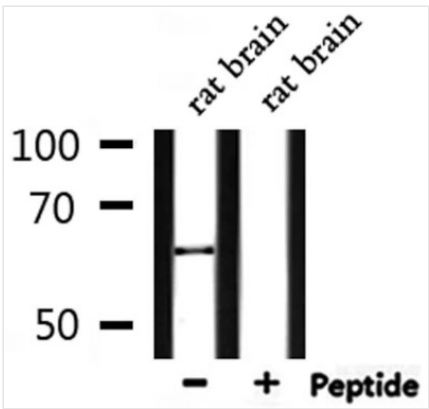
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	582
Applicable Applications for anti-MMP14 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Application Notes	WB: 1:500-1:3000 IHC: 1:50-1:200 IF/ICC: 1:100-1:500 The optimal dilution should be determined by the end user. IMPORTANT: For western blots, incubate membrane with diluted antibody in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Immunogen	A synthesized peptide derived from human MMP14, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

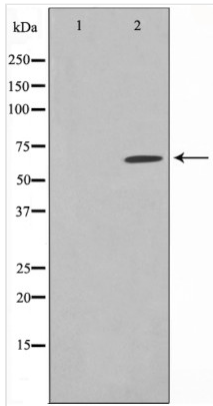
IMAGES



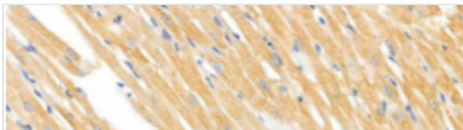
WB (Western Blot)
Western blot analysis of extracts from rat brain, using MMP14 Ab.



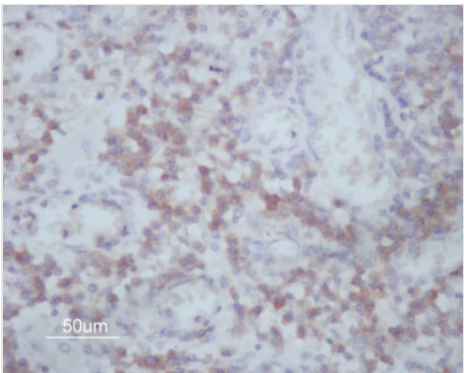
WB (Western Blot)
Western blot analysis of extracts from rat brain, using MMP14 Antibody.



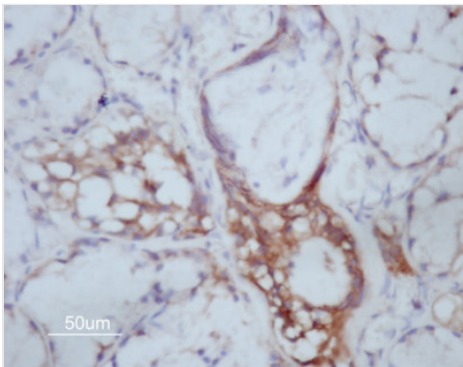
WB (Western Blot)
Western blot analysis on NIH-3T3 cell lysate using MMP14 Antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)
AAA30926 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.



IHC (Immunohistochemistry)
AAA30926 at 1/200 staining human Oral squamous cell carcinoma sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IHC (Immunohistochemistry)
AAA30926 at 1/200 staining human Oral squamous cell carcinoma sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-MMP14 antibody	MMP14 Seems to specifically activate progelatinase A. May thus trigger invasion by tumor cells by activating progelatinase A on the tumor cell surface. Belongs to the peptidase M10A family
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4826834
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NCBI GeneID	4323
NCBI Accession #	NP_004986.1
NCBI GenBank Nucleotide #	NM_004995.3
UniProt Accession #	P50281; Q6GSF3; Q92678; A8K5L0
Molecular Weight	55kd, 65 kDa
NCBI Official Full Name	matrix metalloproteinase-14 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 14
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
UniProt Protein Name	Matrix metalloproteinase-14
UniProt Gene Name	MMP14
UniProt Synonym Gene Names	MMP-14; MT-MMP 1; MTMMP1; MT1-MMP; MT1MMP

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/mmp14-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/30926>