

Rabbit MMP-14 Polyclonal Antibody | anti-MMP-14 antibody

MMP-14 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301007	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

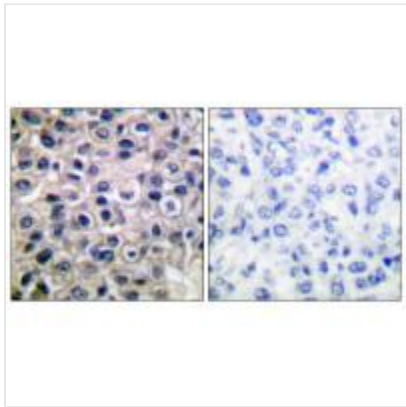
PRODUCT SYNONYMS

MMP-14; Polyclonal Antibody; MMP-14 Antibody; MT1-MMP; MATRIX METALLOPROTEINASE 14; MEMBRANE-TYPE; MEMBRANE-TYPE MATRIX METALLOPROTEINASE 1; matrix metalloproteinase 14 (membrane-inserted).; anti-MMP-14 antibody

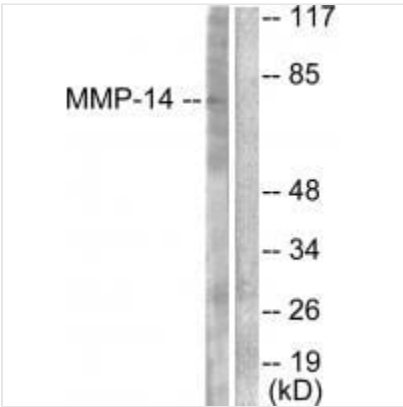
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total MMP-14 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	582
Applicable Applications for anti-MMP-14 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human MMP-14.
Target Name	MMP-14
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MMP-14 antibody.



WB (Western Blot)
Western blot analysis of extracts from NIH/3T3 cells, using MMP-14 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MMP-14 antibody	Seems to specifically activate progelatinase A. May thus trigger invasion by tumor cells by activating progelatinase A on the tumor cell surface. May be involved in actin cytoskeleton reorganization by cleaving PTK7. Acts as a positive regulator of cell growth and migration via activation of MMP15. Involved in the formation of the fibrovascular tissues in association with pro-MMP2.Bimal K. Ray, Circ. Res., Nov 2004; 95: 1082 - 1090. Sharon Elliot, Invest. Ophthalmol. Vis. Sci., Apr 2006; 47: 1696 - 1702. Hongqing Q. Ye, Invest. Ophthalmol. Vis. Sci., Sep 2000; 41: 2894. Leanne J. Bakke, Biol Reprod, Jun 2002; 66: 1627.
Product Categories/Family for anti-MMP-14 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826834
NCBI GeneID	4323
NCBI Accession #	NP_004986.1
NCBI GenBank Nucleotide #	NM_004995.3
UniProt Accession #	P50281; Q6GSF3; Q92678; A8K5L0
Molecular Weight	65,894 Da
NCBI Official Full Name	matrix metalloproteinase-14 preproprotein
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mmp-14-antibody-immunohistochemistry-western-blot-elisa/301007>