

Rabbit MMP14 Polyclonal Antibody | anti-MMP14 antibody

Anti-MMP14 antibody

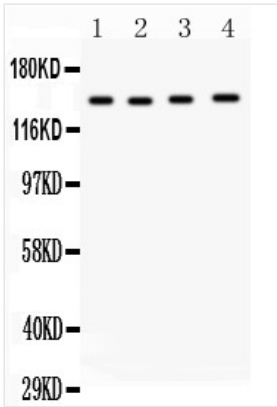
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45445	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

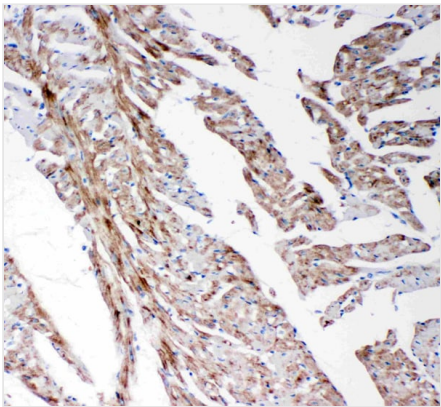
MMP14; Polyclonal Antibody; Anti-MMP14 antibody; Matrix metalloproteinase-14; matrix metalloproteinase 14(membrane-inserted); Matrix metalloproteinase 14(membrane inserted) antibody; Matrix metalloproteinase 14 antibody; Matrix metalloproteinase-14 antibody; Membrane type 1 matrix metalloproteinase antibody;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

PRODUCT SPECIFICATIONS

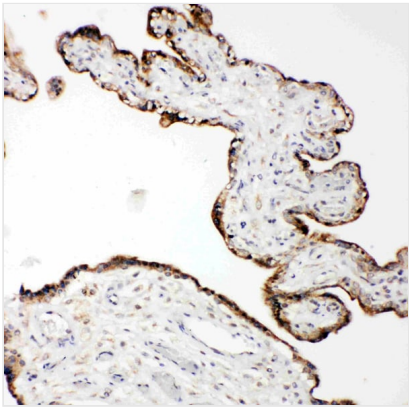
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	582
Applicable Applications for anti-MMP14 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human MMP14 (567-582aa TPRRLLYCQRSLLDKV), different from the related mouse and rat sequences by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



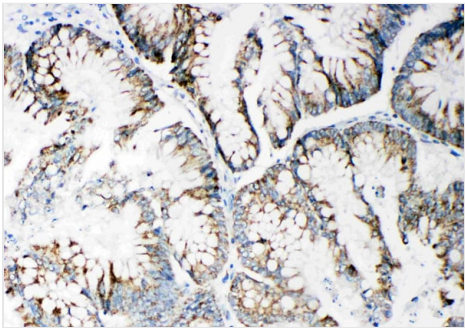
WB (Western Blot)
Anti-MMP14 antibody, AAA45445, Western blottingAll lanes: Anti MMP14 (AAA45445) at 0.5ug/mlLane 1: Rat Spleen Tissue Lysate at 50ugLane 2: Human Placenta Tissue Lysate at 50ugLane 3: HELA Whole Cell Lysate at 40ugLane 4: A549 Whole Cell Lysate at 40ugPredicted bind size: 66KDObserved bind size: 150KD



IHC (Immunohistochemistry)
Anti-MMP14 antibody, AAA45445, IHC(P)IHC(P): Rat Cardiac Muscle Tissue



IHC (Immunohiostchemistry)
Anti-MMP14 antibody, AAA45445, IHC(P)IHC(P): Human Placenta Tissue



IHC (Immunohistochemistry)
Anti-MMP14 antibody, AAA45445, IHC(P)IHC(P): Human Intestinal Cancer Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-MMP14 antibody	Description: Rabbit IgG polyclonal antibody for Matrix metalloproteinase-14(MMP14) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: Matrix metalloproteinase-14, also called MT-MMP 1, is an enzyme that in humans is encoded by the MMP14 gene. The protein encoded by this gene is a member of the membrane-type MMP subfamily. This gene is mapped to 14q11.2. 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. This gene may be involved in actin cytoskeleton reorganization by cleaving PTK7. It acts as a positive regulator of cell growth and migration via activation of MMP15.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	317373419
NCBI GeneID	4323
UniProt Accession #	P50281; Q6GSF3; Q92678; A8K5L0
Molecular Weight	65,894 Da
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/45445>