

Rabbit MMP7 Polyclonal Antibody | anti-MMP7 antibody

Rabbit Polyclonal (IgG) to Human MMP7

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51222	Rabbit	Human, Mouse, Rat	ELISA, Western Blot, Immunohistochemistry

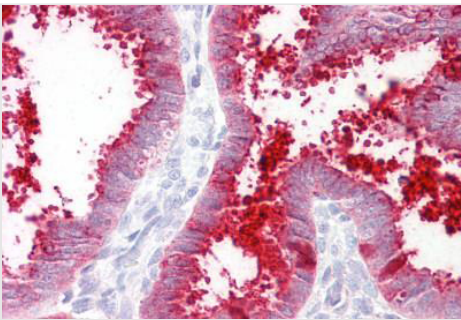
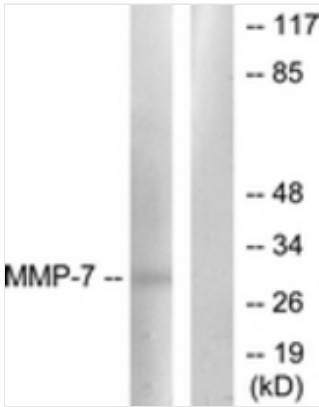
PRODUCT SYNONYMS

MMP7; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human MMP7; Anti-MMP7 Antibody (aa218-267) IHC-plus; Matrilysin; Matrin; MMP-7; MPSL1; PUMP-1; Pump-1 protease; MPMM; Uterine matrilysin; Punctuated metalloproteinase 1; Matrix metalloproteinase-7; PUMP1; Uterine metalloproteinase; Human MMP7; anti-MMP7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MMP-7 Antibody detects endogenous levels of total MMP-7 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg ²⁺ , Ca ²⁺), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	267
Applicable Applications for anti-MMP7 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human MMP-7 (aa218-267).
Immunogen	MMP7 antibody was raised against synthetic peptide from human MMP-7 (aa218-267).
Antigen Modification	aa218-267
Preparation and Storage	Store at -20 degree C for up to one year.

IMAGES



IHC (Immunohistochemistry)
Anti-MMP7 antibody IHC of human uterus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

WB (Western Blot)
Western blot of extracts from COS7 cells, using MMP-7 Antibody. The lane on the right is treated with the synthesized peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MMP7 antibody	MMP7 is a Metallopeptidase M10A type protease. MMP-7 (Matrilysin) is constitutively produced by exocrine epithelial cells through out the body. It is capable of degrading casein, fibronectin, gelatins of types 1, III, IV, and V, in addition to activating procollagenase. It has been shown to play a key role in invasion by carcinomas.
Product Categories/Family for anti-MMP7 antibody	Family: Protease ; Subfamily: Metallopeptidase M10A

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505219
NCBI GeneID	4316
NCBI Accession #	NP_002414.1
NCBI GenBank Nucleotide #	NM_002423.3
UniProt Accession #	P09237 ; Q9BTK9
Molecular Weight	29,677 Da
NCBI Official Full Name	matrilysin preproprotein
NCBI Official Synonym Full Names	matrix metallopeptidase 7 (matrilysin, uterine)
NCBI Official Symbol	MMP7
NCBI Official Synonym Symbols	MMP-7; MPSL1; PUMP-1
NCBI Protein Information	matrilysin; matrin; pump-1 protease; uterine matrilysin; uterine metalloproteinase; matrix metalloproteinase-7; matrix metalloproteinase 7 (matrilysin, uterine)
UniProt Protein Name	Matrilysin
UniProt Gene Name	MMP7
UniProt Synonym Gene Names	MPSL1; PUMP1; MMP-7
UniProt Entry Name	MMP7_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.