

Rabbit MMP-7 Polyclonal Antibody | anti-MMP-7 antibody

MMP-7 Antibody

CATALOG # AAA305600	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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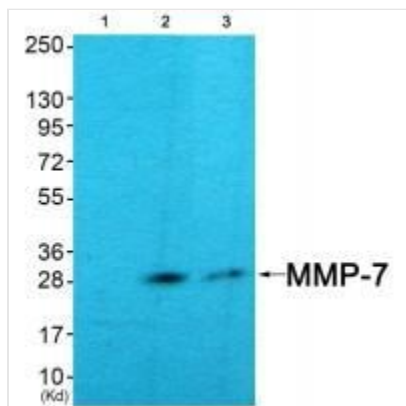
PRODUCT SYNONYMS

MMP-7; Polyclonal Antibody; MMP-7 Antibody; PUMP1; PUTATIVE METALLOPROTEINASE I; matrix metalloproteinase 7 (matrilysin; uterine); anti-MMP-7 antibody

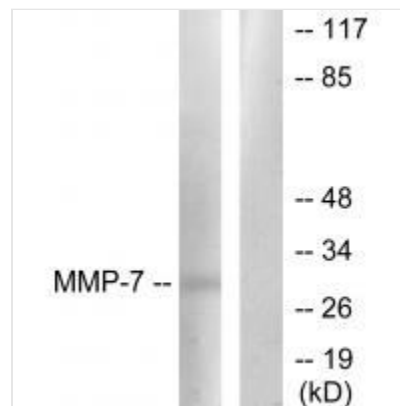
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total MMP-7 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	267
Applicable Applications for anti-MMP-7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human MMP-7.
Target Name	MMP-7
Preparation and Storage	Store at -20 degree C

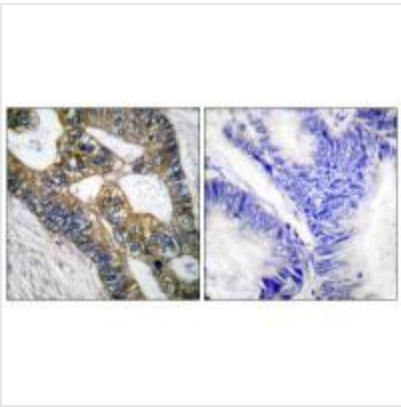
IMAGES


WB (Western Blot)

Western blot analysis of extracts from COS7 cells (Lane 2) and HuvEc cells (Lane 3), using MMP-7 antibody. The lane on the left is treated with synthesized peptide.


WB (Western Blot)

Western blot analysis of extracts from COS7 cells, using MMP-7 antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using MMP-7 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MMP-7 antibody	Degrades casein, gelatins of types I, III, IV, and V, and fibronectin. Activates procollagenase. Lydia E. Wroblewski, J. Cell Sci., Jul 2003; 116: 3017. Andrea Varro, Am J Physiol Gastrointest Liver Physiol, Apr 2007; 292: G1133 - G1140. Wei-Hsuan Yu, Genes & Dev., Feb 2002; 16: 307. Nick Di Girolamo, Invest. Ophthalmol. Vis. Sci., Aug 2001; 42: 1
Product Categories/Family for anti-MMP-7 antibody	Total protein Ab

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 metalloproteinase 7
NCBI Official Symbol	MMP7
NCBI Official Synonym Symbols	MMP-7; MPSL1; PUMP-1
NCBI Protein Information	matrilysin
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.