

Rabbit anti-Human MMP7 Polyclonal Antibody | anti-MMP7 antibody

MMP7 Antibody - C-terminal region

CATALOG # AAA201521	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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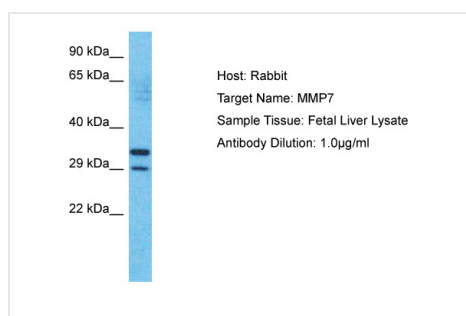
PRODUCT SYNONYMS

MMP7; Polyclonal Antibody; MMP7 Antibody - C-terminal region; anti-MMP7 antibody

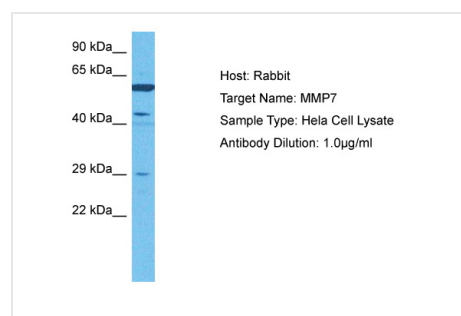
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TH ELGHSLSGMGH SSDPNVMP TYGNGDPQNF KLSQDDIKGI QKLYGKRS
Sequence Length	267
Applicable Applications for anti-MMP7 antibody	WB (Western Blot)
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Human MMP7
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Host: Rabbit Target Name: MMP7 Sample Type: Fetal Liver Lysates Antibody Dilution: 1.0 µg/ml


WB (Western Blot)

Host: Rabbit Target Name: MMP7 Sample Tissue: Human Hela Whole Cell Antibody Dilution: 1 µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-MMP7 antibody	This is a rabbit polyclonal antibody against MMP7. It was validated on Western Blot Target Description: 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. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The enzyme encoded by this gene degrades proteoglycans, fibronectin, elastin and casein and differs from most MMP family members in that it lacks a conserved C-terminal protein domain. The enzyme is involved in wound healing, and studies in mice suggest that it regulates the activity of defensins in intestinal mucosa. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.
Product Categories/Family for anti-MMP7 antibody	Polyclonal; Signal Proteins; Cell Biology; Developmental Biology; Immunology; E3 & Ubiquitin; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505219
NCBI GeneID	4316
NCBI Accession #	NP_002414
NCBI GenBank Nucleotide #	NM_002423.5
UniProt Accession #	P09237
Molecular Weight	29kDa
NCBI Official Full Name	matrilysin preproprotein
NCBI Official Synonym Full Names	matrix metallopeptidase 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.