

Rabbit MMP7 Polyclonal Antibody | anti-MMP7 antibody

MMP7 Antibody

CATALOG # AAA169849	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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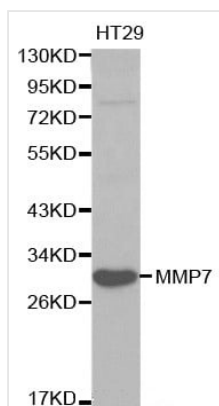
PRODUCT SYNONYMS

MMP7; Polyclonal Antibody; MMP7 Antibody; MMP-7; MPSL1; PUMP-1; anti-MMP7 antibody

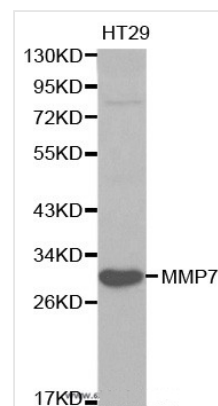
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	267
Applicable Applications for anti-MMP7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human MMP7
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-8832 / sc-26674 / sc-30071
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



Application Data



WB (Western Blot)

Western blot analysis of HT29 cell lysate using MMP7 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MMP7 antibody	The matrix metalloproteinases (MMPs) are a family of proteases that target many extracellular proteins including other proteases, growth factors, cell surface receptors and adhesion molecules (1). Among the family members, MMP-2, MMP-3, MMP-7 and MMP-9 have been characterized as important factors for normal tissue remodeling during embryonic development, wound healing, tumor invasion, angiogenesis, carcinogenesis and apoptosis (2-4). MMP activity correlates with cancer development (2). One mechanism of MMP regulation is transcriptional (5). Once synthesized, MMP exists as a latent proenzyme. Maximum MMP activity requires proteolytic cleavage to generate active MMPs by releasing the inhibitory propeptide domain from the full length protein (5).
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NCBI AND UNIPROT INFORMATION

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