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Anti-MMP7 Antibody
Rabbit polyclonal antibody to MMP7
Catalog # AP59623

Specification

Anti-MMP7 Antibody - Product Information

Application	**WB, IHC**
Primary Accession	P09237
Reactivity	**Human, Mouse, Rat, Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**29677**

Anti-MMP7 Antibody - Additional Information

Gene ID 4316

Other Names
MPSL1; PUMP1; Matrilysin; Matrin; Matrix metalloproteinase-7; MMP-7; Pump-1 protease; Uterine metalloproteinase

Target/Specificity
Recognizes endogenous levels of MMP7 protein.

Dilution
WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200)
IHC~~1:100~500

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-MMP7 Antibody - Protein Information

Name MMP7

Synonyms MPSL1, PUMP1

Function
Degrades casein, gelatins of types I, III, IV, and V, and fibronectin. Activates procollagenase.

Cellular Location
Secreted, extracellular space, extracellular matrix

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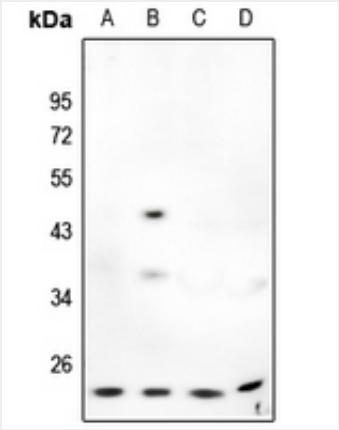
Anti-MMP7 Antibody - Protocols

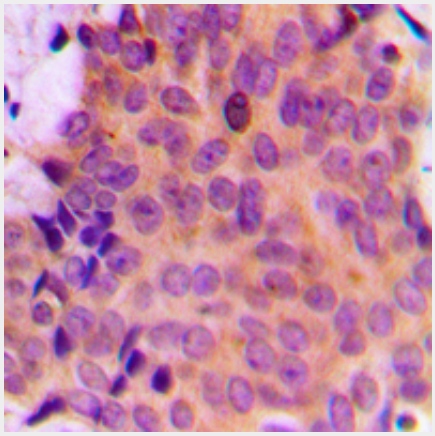
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-MMP7 Antibody - Images



Western blot analysis of MMP7 expression in A375 (A), A549 (B), PMVEC (C), mouse lung (D) whole cell lysates.



Immunohistochemical analysis of MMP7 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-MMP7 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MMP7. The exact sequence is proprietary.