

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

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**Anti-MMP7 Antibody - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">P09237</a>
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**

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

**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**

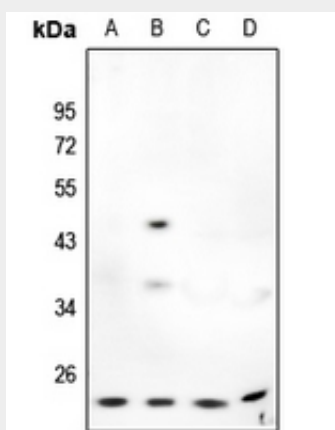
Secreted, extracellular space, extracellular matrix

## Anti-MMP7 Antibody - Protocols

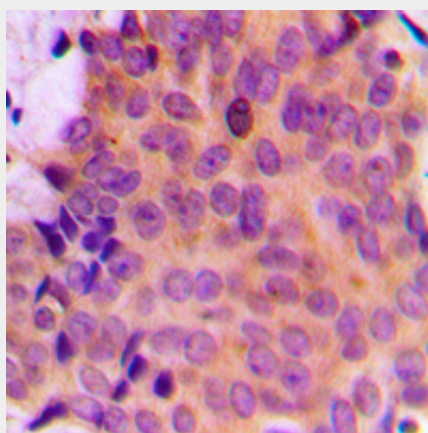
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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.