

**MMP1 22k Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51346****Specification**

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**MMP1 22k Antibody - Product Information**

Application	<b>WB, E</b>
Primary Accession	<a href="#">P03956</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>19 KDa</b>

**MMP1 22k Antibody - Additional Information****Gene ID** 4312**Other Names**

Interstitial collagenase, Fibroblast collagenase, Matrix metalloproteinase-1, MMP-1, 22 kDa interstitial collagenase, 27 kDa interstitial collagenase, MMP1, CLG

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

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

**MMP1 22k Antibody - Protein Information****Name** MMP1**Synonyms** CLG**Function**

Cleaves collagens of types I, II, and III at one site in the helical domain. Also cleaves collagens of types VII and X (PubMed: [1645757](http://www.uniprot.org/citations/1645757) target="\_blank">1645757</a>, PubMed: [2153297](http://www.uniprot.org/citations/2153297) target="\_blank">2153297</a>, PubMed: [2557822](http://www.uniprot.org/citations/2557822) target="\_blank">2557822</a>). In case of HIV infection, interacts and cleaves the secreted viral Tat protein, leading to a decrease in neuronal Tat's mediated neurotoxicity (PubMed: [16807369](http://www.uniprot.org/citations/16807369) target="\_blank">16807369</a>).

**Cellular Location**

Secreted, extracellular space, extracellular matrix

**MMP1 22k 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](#)

#### **MMP1 22k Antibody - Images**

#### **MMP1 22k Antibody - Background**

Cleaves collagens of types I, II, and III at one site in the helical domain. Also cleaves collagens of types VII and X. In case of HIV infection, interacts and cleaves the secreted viral Tat protein, leading to a decrease in neuronal Tat's mediated neurotoxicity.

#### **MMP1 22k Antibody - References**

Templeton N.S., et al. *Cancer Res.* 50:5431-5437(1990).  
Whitham S.E., et al. *Biochem. J.* 240:913-916(1986).  
Goldberg G.I., et al. *J. Biol. Chem.* 261:6600-6605(1986).  
Lin D., et al. Submitted (DEC-1996) to the EMBL/GenBank/DDBJ databases.  
Kalnina N., et al. Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.