

**Cleaved-MMP-1 22k (F100) Polyclonal Antibody**  
Catalog # AP63174**Specification**

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**Cleaved-MMP-1 22k (F100) Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P03956</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**Cleaved-MMP-1 22k (F100) Polyclonal Antibody - Additional Information****Gene ID** 4312**Other Names**

MMP1; CLG; Interstitial collagenase; Fibroblast collagenase; Matrix metalloproteinase-1; MMP-1

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**Cleaved-MMP-1 22k (F100) Polyclonal 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), PubMed: [2153297](http://www.uniprot.org/citations/2153297), PubMed: [2557822](http://www.uniprot.org/citations/2557822)). 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)).

**Cellular Location**

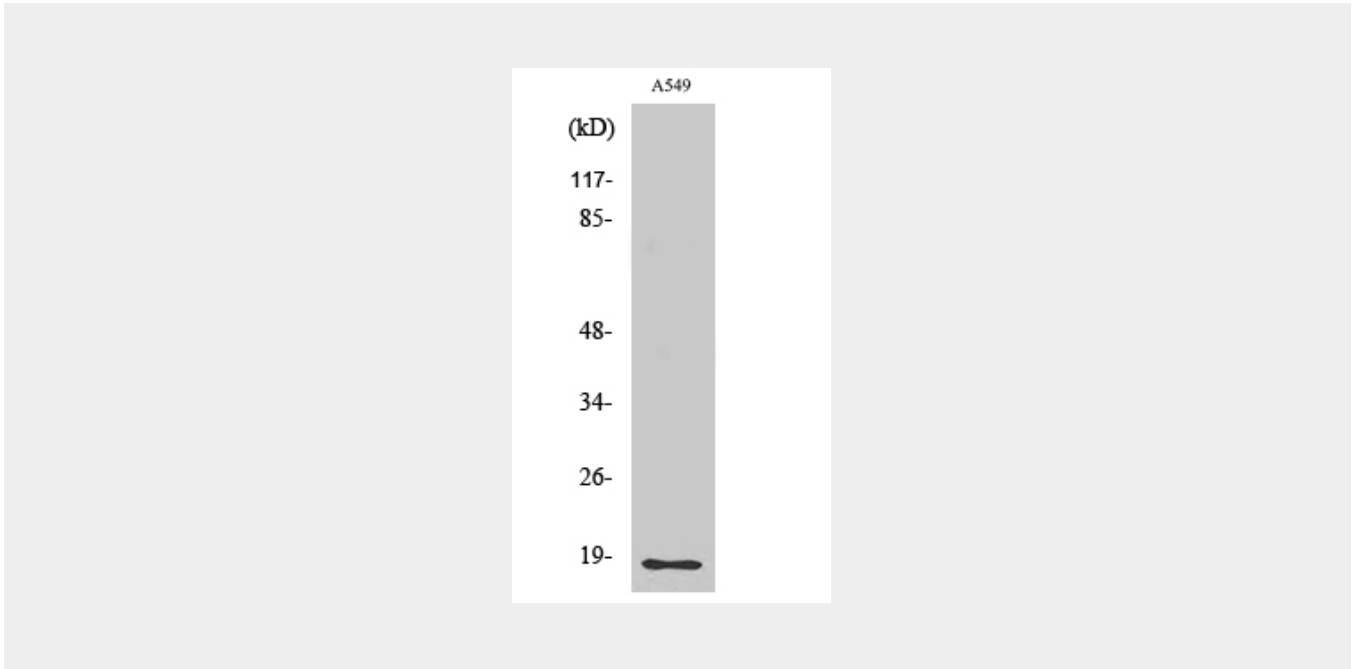
Secreted, extracellular space, extracellular matrix

**Cleaved-MMP-1 22k (F100) Polyclonal 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](#)

#### **Cleaved-MMP-1 22k (F100) Polyclonal Antibody - Images**



#### **Cleaved-MMP-1 22k (F100) Polyclonal 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 (PubMed:2557822, PubMed:2153297, PubMed:1645757). 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).