

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

Specification

MMP1 22k Antibody - Product Information

Application	WB, E
Primary Accession	P03956
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19 KDa

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, PubMed: [2153297](http://www.uniprot.org/citations/2153297) target="_blank">2153297, PubMed: [2557822](http://www.uniprot.org/citations/2557822) target="_blank">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) target="_blank">16807369).

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.