

MMP1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51345

Specification

MMP1 Antibody - Product Information

| | |
|-------------------|------------------------|
| Application | WB |
| Primary Accession | P03956 |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 52 KDa |

MMP1 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

Dilution

WB~~1:500

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 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: <http://www.uniprot.org/citations/1645757> target="_blank">1645757, PubMed: <http://www.uniprot.org/citations/2153297> target="_blank">2153297, PubMed: <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: <http://www.uniprot.org/citations/16807369> target="_blank">16807369).

Cellular Location

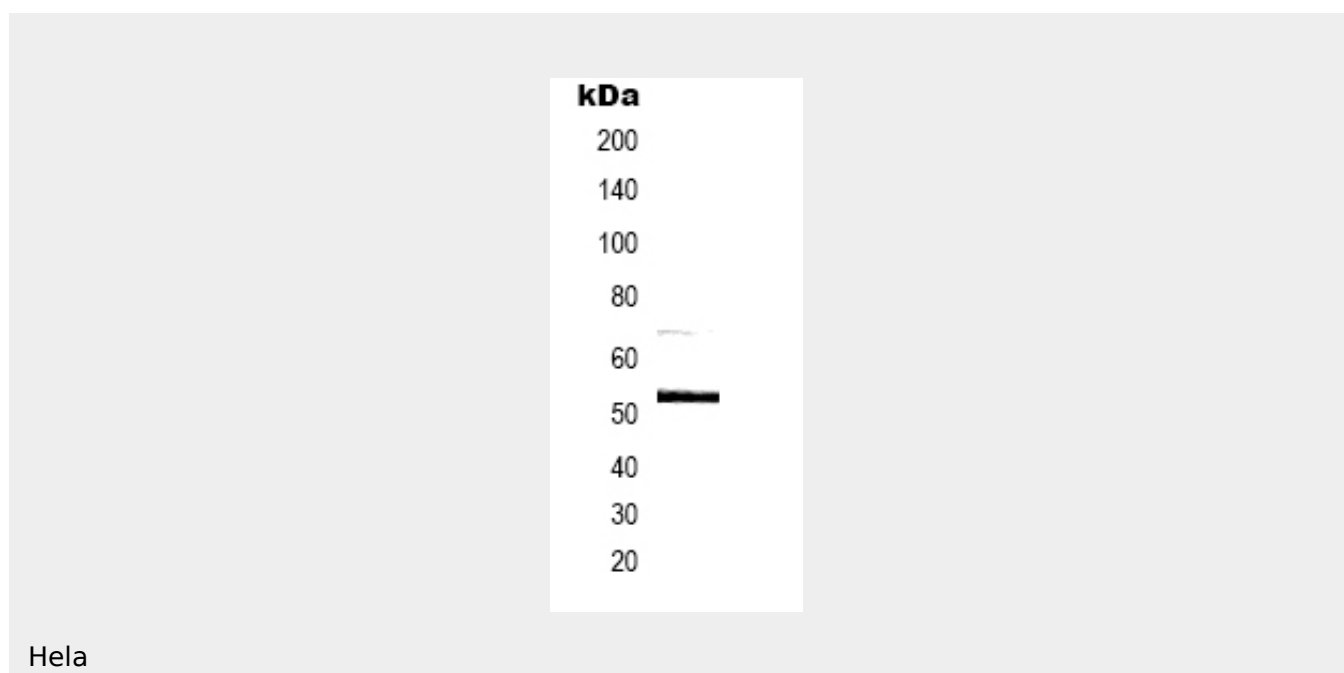
Secreted, extracellular space, extracellular matrix

MMP1 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 Antibody - Images



MMP1 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 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.
Kalnine N., et al. Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.