

Cleaved-MMP-1 22k (F100) Polyclonal Antibody

Catalog # AP63174

Product Information

Application	WB
Primary Accession	P03956
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54007

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

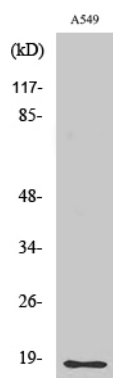
Protein Information

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 , PubMed: 2153297 , PubMed: 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).
Cellular Location	Secreted, extracellular space, extracellular matrix

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](#)).

Images



Western Blot analysis of various cells using
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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.