

MMP-3 Antibody
Rabbit Polyclonal Antibody
Catalog # **ABV11068****Specification****MMP-3 Antibody - Product Information**

Application	WB
Primary Accession	P08254
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	53977

MMP-3 Antibody - Additional Information**Gene ID 4314**

Positive Control	Recombinant human MMP-3
Application & Usage	Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually.

Other Names

Stromelysin-1, SL-1, Matrix metalloproteinase-3, MMP-3

Target/Specificity

MMP-3

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit anti-human MMP-3 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5mM EDTA and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

MMP-3 Antibody - Background

Proteins of the matrix metalloprotease (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling as well as disease processes such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

MMP-3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

MMP-3 Antibody - Protein Information

Name MMP3

Synonyms STMY1

Function

Can degrade fibronectin, laminin, gelatins of type I, III, IV, and V; collagens III, IV, X, and IX, and cartilage proteoglycans. Activates procollagenase.

Cellular Location

Secreted, extracellular space, extracellular matrix

MMP-3 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](#)