

MMP-3 Polyclonal Antibody

CATALOG NO:	3523R-30T	30 µg (Trial size)
	3523R-100	100 µg
HOST:	Rabbit	
IMMUNOGEN:	Synthetic peptide surrounding amino acid 465 of rat MMP-3 (ID# BV-424)	
SPECIES REACTIVITY:	Human, Mouse, Rat, Horse, Rabbit	

FORMULATION:

0.5 mg/ml purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:

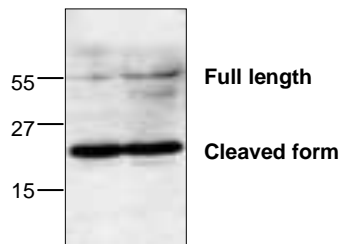
Proteins of the matrix metalloprotease (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling as well as disease processes such as arthritis and metastasis. Most MMP's are secreted as inactive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

SPECIFICITY:

The antibody recognizes the MMP-3 of human, mouse, rat, horse, and rabbit origins. Reactivity to other species has not been tested. The antibody detects the 55 kDa full length and the 21 kDa cleavage fragment of MMP-3.

APPLICATION:

The antibody can be used for Western blotting (0.5-4 µg/ml), and in Immunohistochemistry (5 µg/ml). However, the optimal concentrations should be determined individually.



Cat. # 3523R-100

Western blot analysis of MMP-3 expression with Jurkat cell lysate. Both full length (55 kDa) and cleaved form (21 kDa) can be detected.

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