

MMP9 Polyclonal Antibody

Catalog No.	A11147	Category	Polyclonal Antibodies
Applications	WB, IHC, IF	Observed MW	68kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	78kDa

Immunogen Information

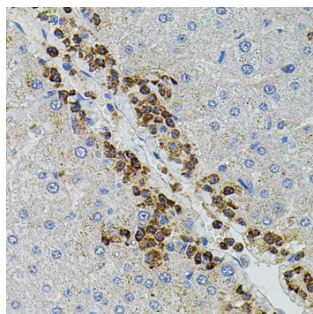
Immunogen	A synthetic peptide of human MMP9
Gene ID	4318
Swiss prot	P14780
Synonyms	MMP9; CLG4B; GELB; MANDP2; MMP-9; matrix metallopeptidase 9

Product information

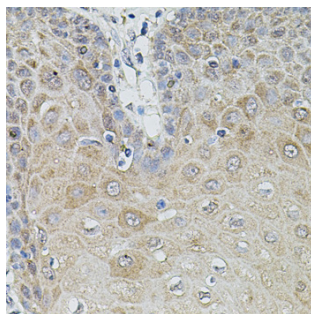
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

Proteins of the matrix metalloproteinase (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 in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The enzyme encoded by this gene degrades type IV and V collagens. Studies in rhesus monkeys suggest that the enzyme is involved in IL-8-induced mobilization of hematopoietic progenitor cells from bone marrow, and murine studies suggest a role in tumor-associated tissue remodeling.



Immunohistochemistry - MMP9
Polyclonal Antibody (A11147)



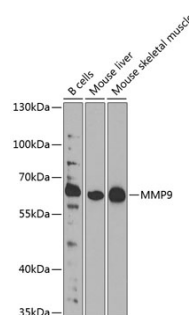
Immunohistochemistry - MMP9
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Recommended Dilutions

WB 1:200 -
1:500

IHC 1:100 -
1:200

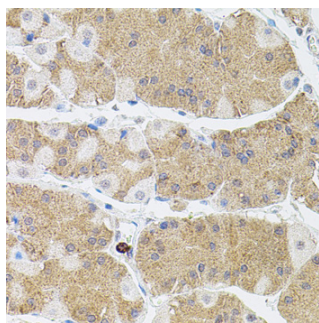
IF 1:100 -
1:200



Western blot - MMP9 Polyclonal
Antibody (A11147)



Immunohistochemistry - MMP9
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