

## MMP8

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**Reactivity:**Human

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**53kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human MMP8

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

HNC; CLG1; MMP-8; PMNL-CL

**Catalog #:**A3031

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**4317

**Isotype:**IgG

**Swiss Prot:**P22894

**Purity:**Affinity purification

For research use only.

**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. However, the enzyme encoded by this gene is stored in secondary granules within neutrophils and is activated by autolytic cleavage. Its function is degradation of type I, II and III collagens. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.

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