

MMP13

Reactivity: Human

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:1000 IHC 1:50 - 1:100 IF 1:50 - 1:200

Calculated MW: 54kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human MMP13

Storage Buffer:

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

Synonym:

CLG3; MANDP1;

Catalog #: A2427

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 4322

Isotype: IgG

Swiss Prot: P45452

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. The protein encoded by this gene cleaves type II collagen more efficiently than types I and III. It may be involved in articular cartilage turnover and cartilage pathophysiology associated with osteoarthritis. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq, Jul 2008]

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