

MMP13 Recombinant antibody

Cat: B13001L

Company: HaoKebio

Uniprot ID: P45452

Applications: WB: 1:1000

Organism: Rabbit

Species reactivity: Human Mouse

Molecular Weight Calculation: 54 kDa

Observed Molecular Weight: 54 kDa

Background:

This gene encodes a member of the peptidase M10 family of matrix metalloproteinases (MMPs). Proteins in this 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.

The encoded preproprotein is proteolytically processed to generate the mature protease. This protease 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. Mutations in this gene are associated with metaphyseal anadysplasia.

This gene is part of a cluster of MMP genes on chromosome 11.

Protein full name:

matrix metalloproteinase 13

Synonyms:

CLG3, Collagenase 3, EC:3.4.24.-, Matrix metalloproteinase 13, Matrix metalloproteinase-13

Immunogen:

Recombinant protein

Isotype:

IgG

Purity:

Affinity purification

Form:

Liquid

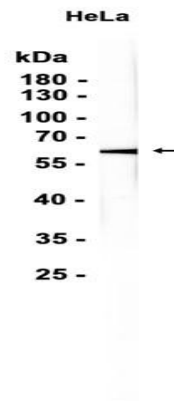
Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

Images:



Dilution of 1:1000 incubated at room temperature for 1.5 hours.

Source of Reagents:

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