

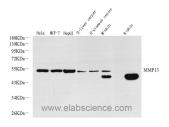
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# **MMP13 Polyclonal Antibody**

Catalog No.E-AB-70346ReactivityH,M,RStorageStore at -20°C. Avoid freeze / thaw cycles.HostRabbitApplicationsWBIsotypeIgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

## **Images**



Western Blot analysis of various samples using MMP13 Polyclonal Antibody at dilution of 1:800.

## **Immunogen Information**

Immunogen KLH conjugated Synthetic peptide corresponding to

Mouse MMP13

**Swissprot** P45452,P33435

**Synonyms** Collagenase 3,MMP13, CLG3, MANDP1,MMP-13,

Matrix metallopeptidase 13,MDST

#### **Product Information**

Calculated MW 54kDa Observed MW 54kDa

**Buffer** PBS with 0.02% sodium azide, 1% protective protein

and 50% glycerol, pH7.4

**Purify** Affinity purification **Dilution** WB 1:500-1:2000

# **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.