## **Product Name: MMP12 Rabbit Polyclonal Antibody**

Catalog #: APRab01328



## **Summary**

**Production Name** MMP12 Rabbit Polyclonal Antibody

**Description** Rabbit Polyclonal Antibody

Host Rabbit
Application WB
Reactivity Human

## **Performance**

ConjugationUnconjugatedModificationUnmodified

**Isotype** IgG

Clonality Polyclonal Form Liquid

**Storage** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and

50% glycerol.

**Purification** Affinity Chromatography

#### **Immunogen**

**Buffer** 

Gene Name MMP12

Macrophage metalloelastase; MME; 3.4.24.65; Macrophage elastase; ME; hME; Matrix Alternative Names

metalloproteinase-12; MMP-12; MMP12; HME

**Gene ID** 4321

SwissProt ID P39900.

## **Application**

**Dilution Ratio** WB: 1:500-1:1000

Molecular Weight Calculated MW: 54 kDa; Observed MW: 54,45,22 kDa

## **Background**

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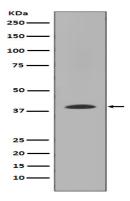
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MMP-12 lacks a transmembrane domain and furin cleavage site. The zymogen for MMP-12 is about 54 kDa, and is quickly activated to the 45 kDa form, and this breaks down to cascade of active forms, ending with the common 22 kDa form. Stimulated macrophages produce MMP-12; it has also been found in osteosarcoma cells, synovial fibroblasts and lung fibroblasts.

### **Research Area**

Cardiovascular

## **Image Data**



Western blot analysis of MMP12 in WI38 lysates using MMP12 antibody.

#### Note

For research use only.