

Datasheet for ABIN7438196  
**anti-MMP12 antibody (AA 372-463)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	MMP12
Binding Specificity:	AA 372-463
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMP12 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Matrix Metalloproteinase 12 (MMP12)
Immunogen:	Recombinant Matrix Metalloproteinase 12 (MMP12) corresponding to Tyr372~His463 (Accession # NM_053963.2)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MMP12. It has been selected for its ability to recognize MMP12 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

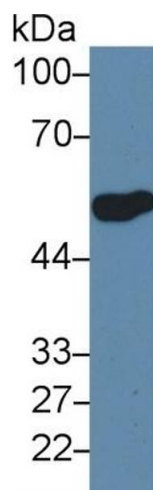
Target:	MMP12
Alternative Name:	Matrix Metalloproteinase 12 ( <a href="#">MMP12 Products</a> )
Background:	MME, HME, ME, Macrophage Metalloelastase, Macrophage Elastase

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

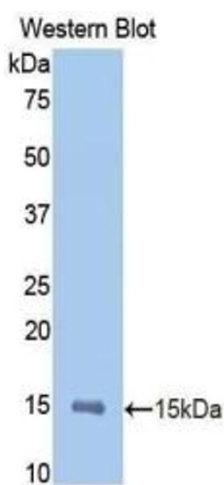
## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



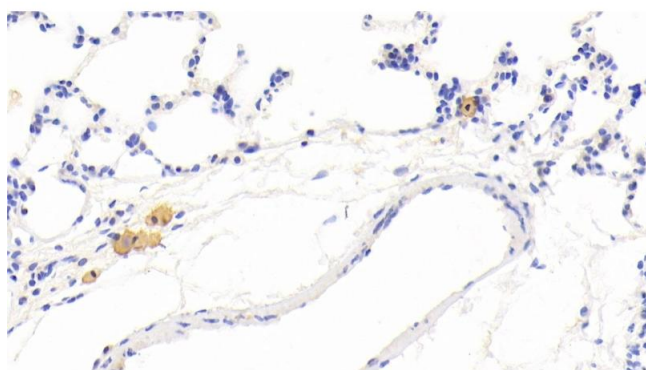
#### Western Blotting

**Image 1.** Detection of MMP12 in Mouse Cerebrum lysate using Polyclonal Antibody to Matrix Metalloproteinase 12 (MMP12)



#### Western Blotting

**Image 2.** Detection of Recombinant MMP12, Rat using Polyclonal Antibody to Matrix Metalloproteinase 12 (MMP12)



#### Immunohistochemistry

**Image 3.** Detection of MMP12 in Rat Lung Tissue using Polyclonal Antibody to Matrix Metalloproteinase 12 (MMP12)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7438196.