

Datasheet for ABIN7442336  
**anti-MMP14 antibody (AA 322-541)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	MMP14
Binding Specificity:	AA 322-541
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMP14 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Matrix Metalloproteinase 14 (MMP14)
Immunogen:	Recombinant Matrix Metalloproteinase 14 (MMP14) corresponding to Asn322~Ala541 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MMP14. It has been selected for its ability to recognize MMP14 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

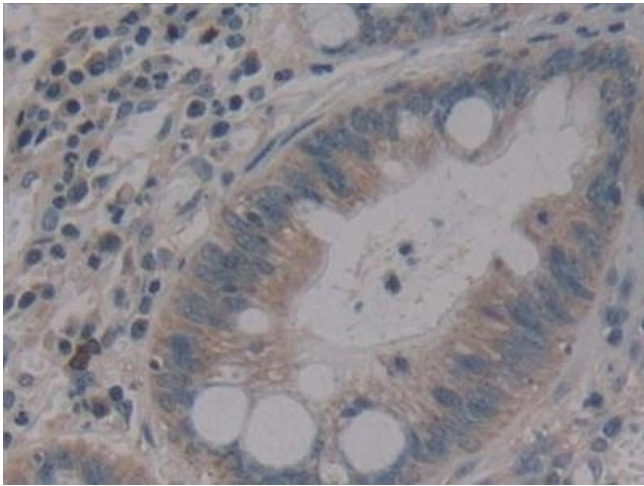
Target:	MMP14
Alternative Name:	Matrix Metalloproteinase 14 ( <a href="#">MMP14 Products</a> )
Background:	MMP-X1, MT1-MMP, MTMMP1, Membrane Inserted, Membrane-type matrix metalloproteinase 1, Membrane-type-1 matrix metalloproteinase
Pathways:	<a href="#">Autophagy</a>

## 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

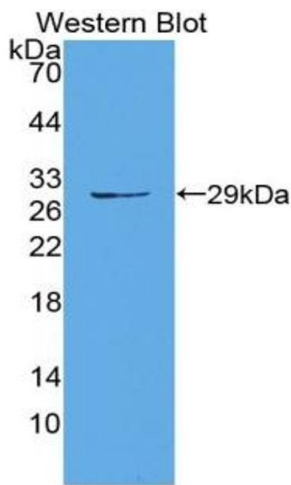
## Handling

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



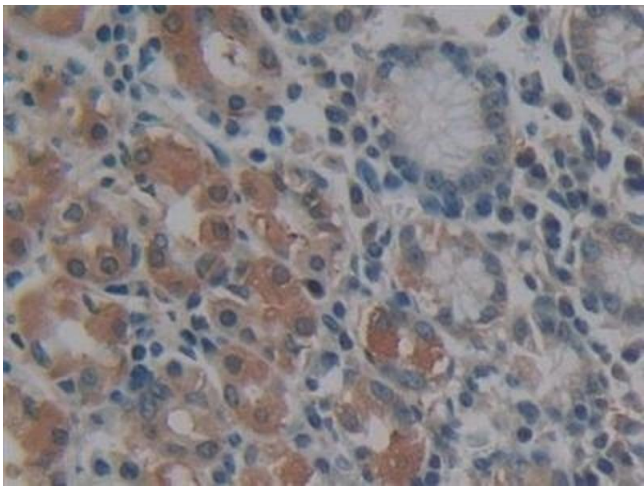
**Immunohistochemistry**

**Image 1.** Detection of MMP14 in Human Colorectal cancer Tissue using Polyclonal Antibody to Matrix Metalloproteinase 14 (MMP14)



**Western Blotting**

**Image 2.** Detection of Recombinant MMP14, Human using Polyclonal Antibody to Matrix Metalloproteinase 14 (MMP14)



**Immunohistochemistry**

**Image 3.** Detection of MMP14 in Human Stomach Tissue using Polyclonal Antibody to Matrix Metalloproteinase 14 (MMP14)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7442336.