

Datasheet for ABIN7430975
anti-MMP10 antibody (AA 154-465)

2 Images

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Overview

Quantity:	100 µL
Target:	MMP10
Binding Specificity:	AA 154-465
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMP10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Matrix Metalloproteinase 10 (MMP10)
Immunogen:	Recombinant Matrix Metalloproteinase 10 (MMP10) corresponding to Glu154~Thr465 (Accession # P07152)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MMP10. It has been selected for its ability to recognize MMP10 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

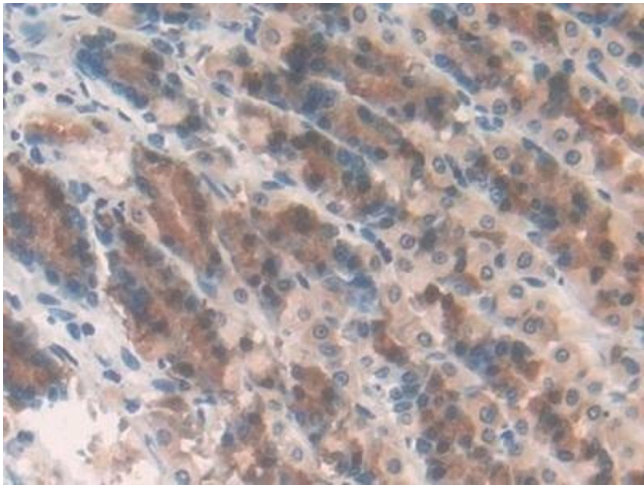
Target:	MMP10
Alternative Name:	Matrix Metalloproteinase 10 (MMP10 Products)
Background:	STMY2, SL2, Stromelysin 2, Transin-2

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:150-600 Immunohistochemistry: 5-20 µg/mL 1:15-60 Immunocytochemistry: 5-20 µg/mL 1:15-60 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

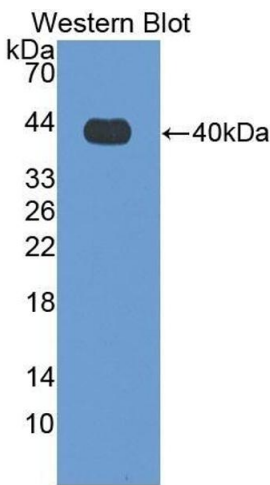
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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 MMP10 in Rat Stomach Tissue using Polyclonal Antibody to Matrix Metalloproteinase 10 (MMP10)



Western Blotting

Image 2. Detection of Recombinant MMP10, Rat using Polyclonal Antibody to Matrix Metalloproteinase 10 (MMP10)