

Datasheet for ABIN7442159
anti-MMP3 antibody (AA 247-370)



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3 Images

Overview

Quantity:	100 µL
Target:	MMP3
Binding Specificity:	AA 247-370
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Matrix Metalloproteinase 3 (MMP3)
Immunogen:	Recombinant Matrix Metalloproteinase 3 (MMP3) corresponding to Thr247~Ala370 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MMP3. It has been selected for its ability to recognize MMP3 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

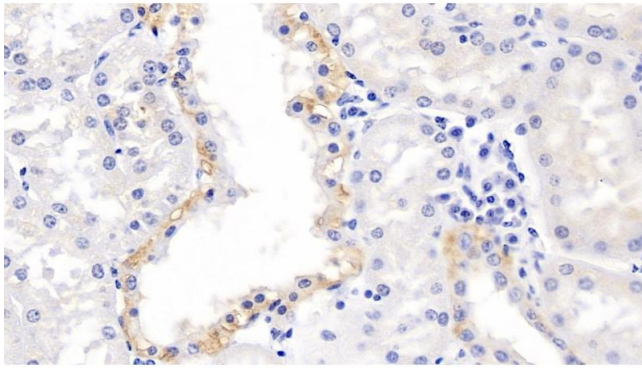
Target:	MMP3
Alternative Name:	Matrix Metalloproteinase 3 (MMP3 Products)
Background:	SL1, STMY, STMY1, STR1, Progelatinase, Stromelysin 1, Transin-1

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL 1:250-2500 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 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

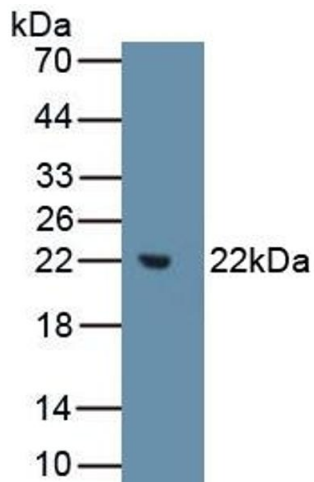
Handling

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



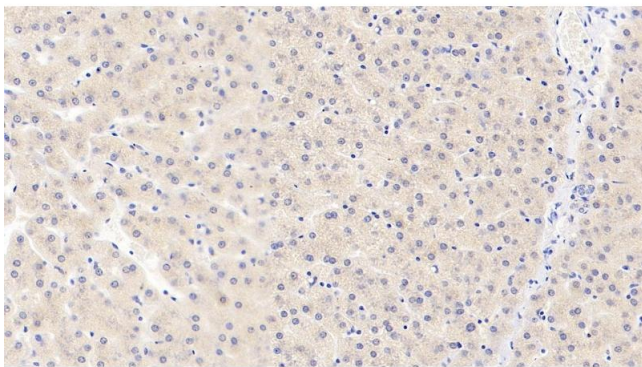
Immunohistochemistry

Image 1. Detection of MMP3 in Human Kidney Tissue using Polyclonal Antibody to Matrix Metalloproteinase 3 (MMP3)



Western Blotting

Image 2. Detection of Recombinant MMP3, Human using Polyclonal Antibody to Matrix Metalloproteinase 3 (MMP3)



Immunohistochemistry

Image 3. Detection of MMP3 in Human Liver Tissue using Polyclonal Antibody to Matrix Metalloproteinase 3 (MMP3)