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# Datasheet for ABIN7431755 anti-MMP12 antibody (AA 20-99)

6 Images



### Overview

Quantity:	100 μL					
Target:	MMP12					
Binding Specificity:	AA 20-99					
Reactivity:	Rat					
Host:	Rabbit					
Clonality:	Polyclonal					
Conjugate:	This MMP12 antibody is un-conjugated					
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)					

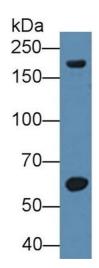
## Product Details

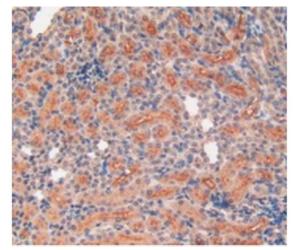
Purpose:	Polyclonal Antibody to Matrix Metalloproteinase 12 (MMP12)					
Immunogen:	Recombinant Matrix Metalloproteinase 12 (MMP12) corresdonding to Val20~Arg99 (Accession # Q63341)					
Isotype:	lgG					
Specificity:	The antibody is a rabbit polyclonal antibody raised against MMP12. It has been selected 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					

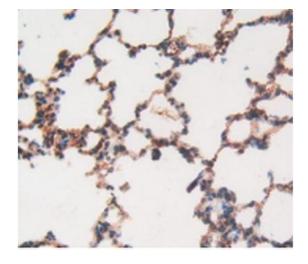
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Target Details							
Target:	MMP12 Matrix Metalloproteinase 12 (MMP12 Products)						
Alternative Name:							
Background:	MME, HME, ME, Macrophage Metalloelastase, Macrophage Elastase						
Application Details							
Application Notes:	Western blotting: 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 thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obdegradation and precipitation were observed. The loss rate is less than 5% with 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						

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Western Blotting								
Image 1.	Detection	of	MMP12	in	Rat	Serum	using	
Polyclonal	Antibody	to	Matrix	Me	etallop	proteinas	se 12	
(MMP12)								

### Immunohistochemistry

**Image 2.** Detection of MMP12 in Rat Kidney Tissue 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 6 images are available for ABIN7431755.

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