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# Datasheet for ABIN7431146 anti-TIMP4 antibody (AA 32-224)

/ Images



### Overview

Quantity:	100 μL
Target:	TIMP4
Binding Specificity:	AA 32-224
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIMP4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

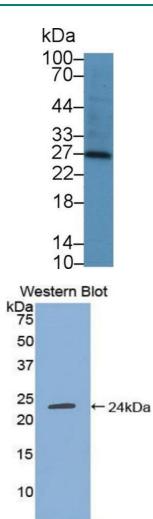
Purpose:	Polyclonal Antibody to Tissue Inhibitors Of Metalloproteinase 4 (TIMP4)
Immunogen:	Recombinant Tissue Inhibitors Of Metalloproteinase 4 (TIMP4) corresdonding to Cys32~Pro224 (Accession # Q99727)
lsotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against TIMP4. It has been selected for its ability to recognize TIMP4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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Target Details	
Target:	TIMP4
Alternative Name:	Tissue Inhibitors Of Metalloproteinase 4 (TIMP4 Products)
Background:	TIMP Metallopeptidase Inhibitor 4, Tissue Inhibitor of Metalloproteinases 4
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 $^\circ C$ 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.

	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

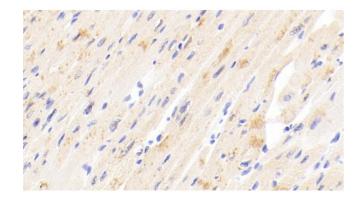


#### Western Blotting

**Image 1.** Detection of TIMP4 in Human HT1080 cell lysate using Polyclonal Antibody to Tissue Inhibitors Of Metalloproteinase 4 (TIMP4)

#### Western Blotting

**Image 2.** Detection of Recombinant TIMP4, Human using Polyclonal Antibody to Tissue Inhibitors Of Metalloproteinase 4 (TIMP4)



#### Immunohistochemistry

**Image 3.** Detection of TIMP4 in Human Cardiac Muscle Tissue using Polyclonal Antibody to Tissue Inhibitors Of Metalloproteinase 4 (TIMP4)

Please check the product details page for more images. Overall 7 images are available for ABIN7431146.

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