

Datasheet for ABIN3029140
anti-TIMP4 antibody (AA 208-224)



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2 Images

Overview

Quantity:	100 µg
Target:	TIMP4
Binding Specificity:	AA 208-224
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIMP4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids 208-224 (YRGHLPLRKEFVDIVQP-human) were used as the immunogen for this TIMP4 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	TIMP4
Alternative Name:	TIMP4 (TIMP4 Products)
Background:	The tissue inhibitors of metalloproteinases (TIMPs) inhibit matrix metalloproteinases (MMPs), a group of peptidases involved in degradation of the extracellular matrix. The TIMP4 gene contains 5 exons that span 6 kb of genomic DNA. The gene is expressed as a 1.4-kb transcript

Target Details

abundant in heart and present at low levels in several other tissues. expressed TIMP4 inhibits MMPs in vitro. TIMP4 binds both progelatinase A and the C domain in a similar manner to that of TIMP-2.

UniProt: [Q99727](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the TIMP4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\.
Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL

Restrictions: For Research Use only

Handling

Buffer: 0.2 mg/mL in 1X PBS with 50 % glycerol and 0.025 % sodium azide

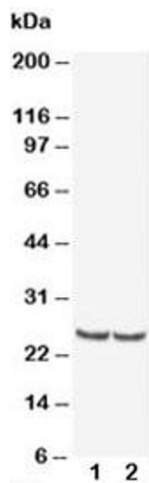
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

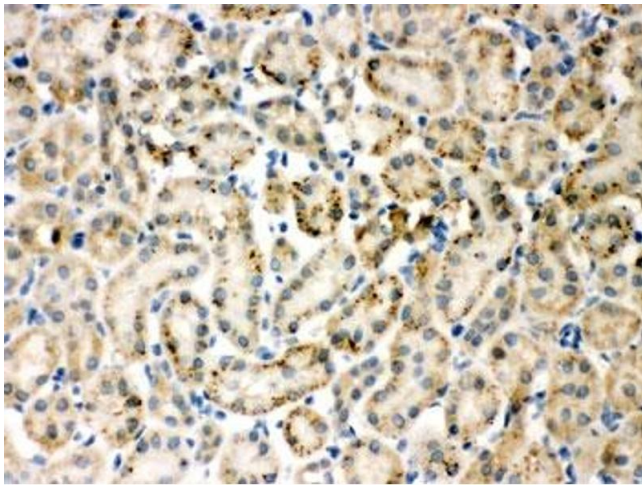
Storage Comment: Store the TIMP4 antibody at -20°C.

Images



Western Blotting

Image 1. Western blot testing of TIMP4 antibody and Lane 1: rat kidney



Immunohistochemistry

Image 2. IHC-P testing of TIMP4 antibody and rat kidney tissue