

Datasheet for ABIN668361  
**anti-TIMP3 antibody (AA 151-211)**[2 Images](#)[5 Publications](#)[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	TIMP3
Binding Specificity:	AA 151-211
Reactivity:	Human, Rat, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIMP3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TIMP-3
Isotype:	IgG
Cross-Reactivity:	Human, Rabbit, Rat
Predicted Reactivity:	Mouse,Cow,Pig,Horse
Purification:	Purified by Protein A.

## Target Details

Target:	TIMP3
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## Target Details

Alternative Name:	TIMP-3 ( <a href="#">TIMP3 Products</a> )
Background:	<p>Synonyms: SFD, K222, K222TA2, HSMRK222, Metalloproteinase inhibitor 3, Protein MIG-5, Tissue inhibitor of metalloproteinases 3, TIMP-3, TIMP3</p> <p>Background: Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. May form part of a tissue-specific acute response to remodeling stimuli. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-9, MMP-13, MMP-14 and MMP-15.</p>
Gene ID:	7078
UniProt:	<a href="#">P35625</a>

## Application Details

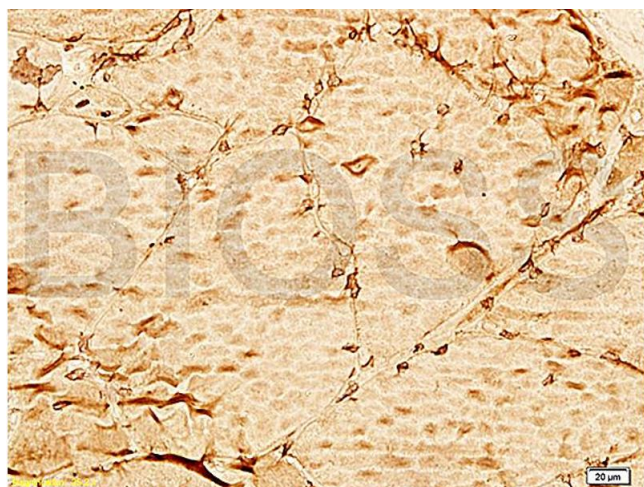
Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 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:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

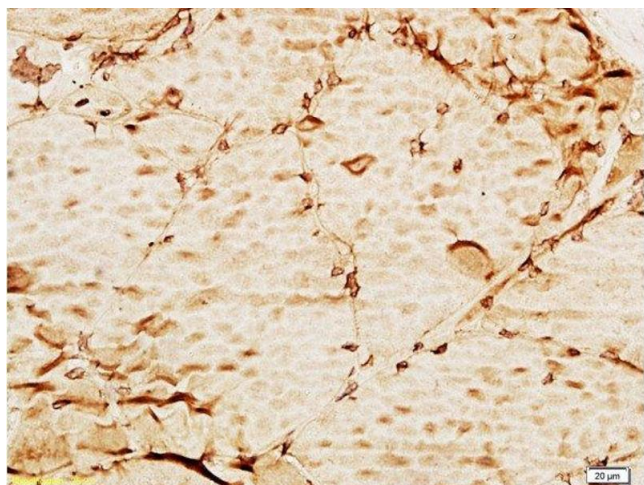
- Product cited in: Han, Liang, Yi, Tan, He, Wang, Li, Wu, Ma, Shi, Guo, Bai: "Long-Term Selenium-Deficient Diet Induces Liver Damage by Altering Hepatocyte Ultrastructure and MMP1/3 and TIMP1/3 Expression in Growing Rats." in: **Biological trace element research**, (2016) ([PubMed](#)).
- Peng, Xin, Han, Gao, Gao, Lei, Ji, An, Cao: "Expression and regulative function of tissue inhibitor of metalloproteinase 3 in the goat ovary and its role in cultured granulosa cells." in: **Molecular and cellular endocrinology**, Vol. 412, pp. 104-15, (2015) ([PubMed](#)).
- Peng, Gao, Gao, Lei, Han, Xin, An, Cao: "Expression and regulation of tissue inhibitors of metalloproteinases (TIMP1 and TIMP3) in goat oviduct." in: **Theriogenology**, Vol. 84, Issue 9, pp. 1636-43, (2015) ([PubMed](#)).
- Lu, Cao, Liu, Li, Chen, Fu, Zhang, Liu, Luo, Wang, Li, Caterson: "The effects of mycotoxins and selenium deficiency on tissue-engineered cartilage." in: **Cells, tissues, organs**, Vol. 196, Issue 3, pp. 241-50, (2012) ([PubMed](#)).
- Liu, Cui, Ao, Zhou, Zhou, Yuan, Xiang, Liu, Cao et al.: "Aberrant methylation accounts for cell adhesion-related gene silencing during 3-methylcholanthrene and diethylnitrosamine induced multistep rat lung carcinogenesis associated with overexpression of ..." in: **Toxicology and applied pharmacology**, Vol. 251, Issue 1, pp. 70-8, (2011) ([PubMed](#)).

## Images



### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded mouse liver tissue labeled with Anti-TIMP-3 Polyclonal Antibody (ABIN668361), Unconjugated at 1:100, followed by conjugation to the secondary antibody and DAB staining



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Formalin-fixed and paraffin embedded mouse liver tissue labeled with Anti-TIMP-3 Polyclonal Antibody , Unconjugated at 1:100, followed by conjugation to the secondary antibody and DAB staining