

Datasheet for ABIN1533444
anti-TIMP4 antibody (AA 175-224)



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2 Images

Overview

Quantity:	100 µL
Target:	TIMP4
Binding Specificity:	AA 175-224
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIMP4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human TIMP4.
Isotype:	IgG
Specificity:	TIMP4 Antibody detects endogenous levels of total TIMP4 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	TIMP4
Alternative Name:	TIMP4 (TIMP4 Products)
Background:	Synonyms: Metalloproteinase inhibitor 4, Tissue inhibitor of metalloproteinases 4, TIMP-4

Target Details

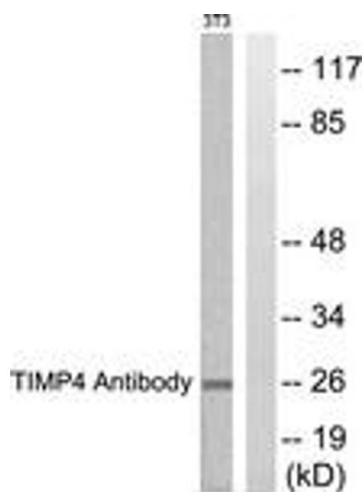
	NCBI Gene Symbol: TIMP4
Molecular Weight:	25 kDa
Gene ID:	7079
OMIM:	601915
UniProt:	Q99727

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000
Comment:	Unigene-Number: Hs.591665 (NCBI Gene Symbol: TIMP4)
Restrictions:	For Research Use only

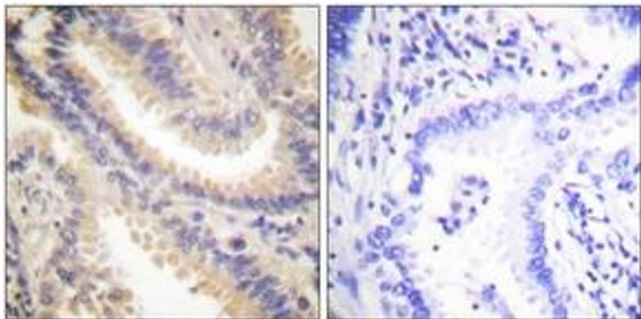
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from NIH-3T3 cells, using TIMP4 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using TIMP4 Antibody. The picture on the right is treated with the synthesized peptide.