

Rabbit TIMP4 Polyclonal Antibody | anti-TIMP4 antibody

TIMP4 Antibody

CATALOG # AAA302352	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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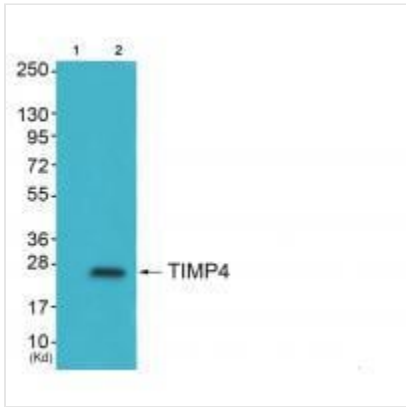
PRODUCT SYNONYMS

TIMP4; Polyclonal Antibody; TIMP4 Antibody; TIMP metallopeptidase inhibitor 4; tissue inhibitor of metalloproteinase 4; Metalloproteinase inhibitor 4; anti-TIMP4 antibody

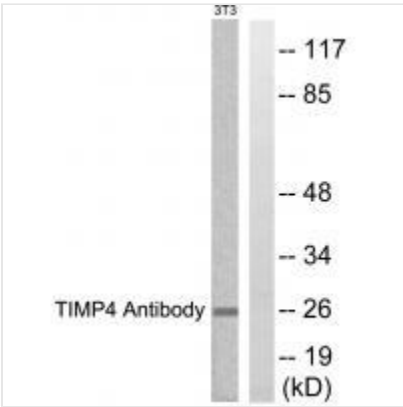
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total TIMP4 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	224
Applicable Applications for anti-TIMP4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human TIMP4.
Target Name	TIMP4
Preparation and Storage	Store at -20 degree C

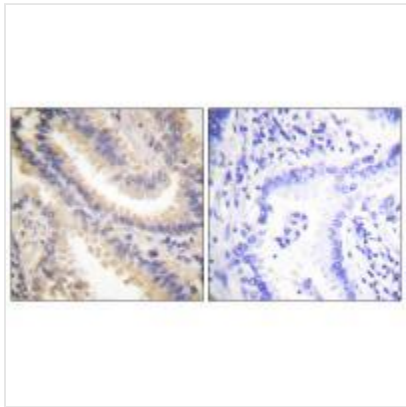
IMAGES



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells (Lane 2), using TIMP4 antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from NIH/3T3 cells, using TIMP4 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using TIMP4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TIMP4 antibody	Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Known to act on MMP-1, MMP-2, MMP-3, MMP-7 and MMP-9.Jennifer Adjodha, AACR Meeting Abstracts, Apr 2005; 2005: 699. Kiyoshi Asada, AACR Meeting Abstracts, Apr 2005; 2005: 202. Elaine K Green, J. Med. Genet., Aug 2000; 37: 581. Jennifer Adjodha, AACR Meeting Abstracts, Apr 2006; 2006: 1028.
Product Categories/Family for anti-TIMP4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507515
NCBI GeneID	7079
NCBI Accession #	NP_003247.1
NCBI GenBank Nucleotide #	NM_003256.3
UniProt Accession #	Q99727; B2R7K6
Molecular Weight	25,503 Da
NCBI Official Full Name	metalloproteinase inhibitor 4
NCBI Official Synonym Full Names	TIMP metalloproteinase inhibitor 4

NCBI Official Symbol	TIMP4
NCBI Protein Information	metalloproteinase inhibitor 4
UniProt Protein Name	Metalloproteinase inhibitor 4
UniProt Gene Name	TIMP4
UniProt Synonym Gene Names	TIMP-4
UniProt Entry Name	TIMP4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/timp4-antibody-immunohistochemistry-western-blot-elisa/302352>