

Rabbit TIMP4 Polyclonal Antibody | anti-TIMP4 antibody

TIMP4 Antibody

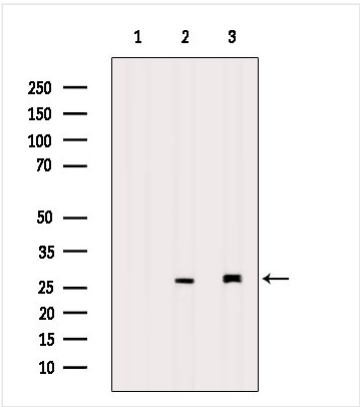
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31145	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

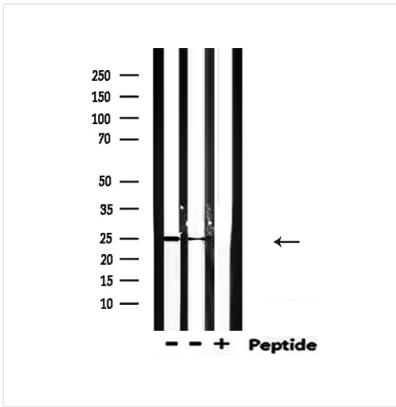
TIMP4; Polyclonal Antibody; TIMP4 Antibody; Metalloproteinase inhibitor 4; TIMP 4; TIMP metallopeptidase inhibitor 4; TIMP-4; Timp4; TIMP4_HUMAN; Tissue inhibitor of metalloproteinase 4; Tissue inhibitor of metalloproteinases 4; anti-TIMP4 antibody

PRODUCT SPECIFICATIONS

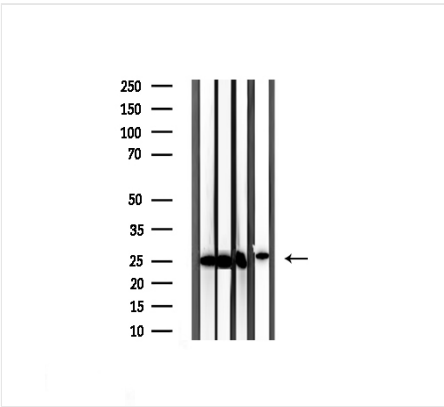
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	224
Applicable Applications for anti-TIMP4 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA (Peptide ELISA)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF/ICC: 1:100-1:500 ELISA (Peptide): 1:20000-1:40000 *The optimal dilutions should be determined by the end user. IMPORTANT: For western blots, incubate membrane with diluted antibody in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Immunogen	A synthesized peptide derived from human TIMP4, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.



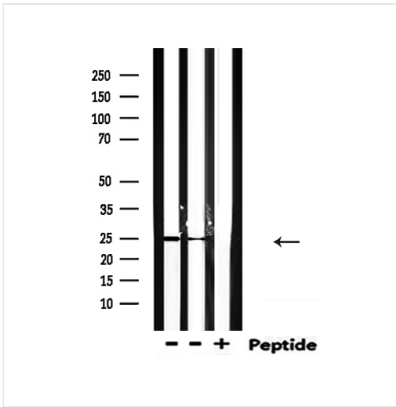
WB (Western Blot)
Western blot analysis of extracts from various samples, using TIMP4 Antibody. Lane 1: B16F10, treated with blocking peptide; Lane 2: B16F10; Lane 3: Myeloma cells.



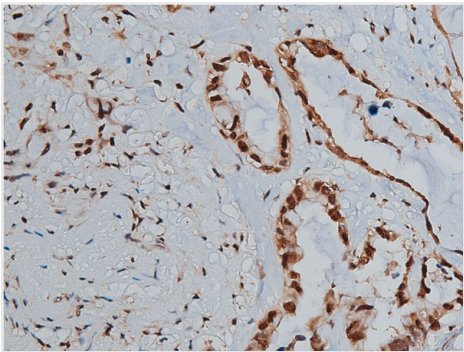
WB (Western Blot)
Western blot analysis of extracts from mouse brain, using TIMP4 Antibody.



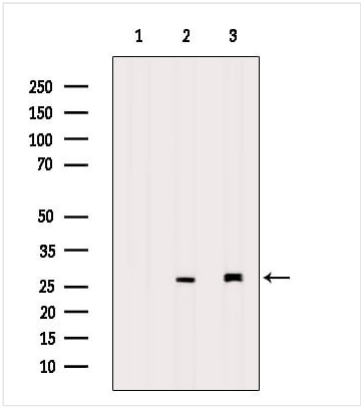
WB (Western Blot)
Western blot analysis of extracts of various celllines, using TIMP4 antibody.



WB (Western Blot)
Western blot analysis of extracts from mouse brain, mouse muscle, using TIMP4 Antibody.



IHC (Immunohistochemistry)
At 1/50 staining human lung cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IF (Immunofluorescence)
At 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507515
NCBI GeneID	7079
NCBI Accession #	NP_003247.1
NCBI GenBank Nucleotide #	NP_003247.1

UniProt Accession #	Q99727
Molecular Weight	26 kDa
NCBI Official Full Name	metalloproteinase inhibitor 4
NCBI Official Synonym Full Names	TIMP metalloproteinase inhibitor 4
NCBI Official Symbol	TIMP4
NCBI Official Synonym Symbols	TIMP-4
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-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-peptide-elisa-elisa/31145>