

Rabbit TIMP1 Polyclonal Antibody | anti-TIMP1 antibody

TIMP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328224	Rabbit	Human, Mouse, Rat	Immunohistochemistry, ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

TIMP1; Polyclonal Antibody; TIMP1 Antibody; Clgi; Collagenase inhibitor; Human; EPA; EPO; Erythroid Potentiating Activity; Erythroid-potentiating activity; Fibroblast collagenase inhibitor; FLJ90373; HCl; Human Collagenase Inhibitor; Metalloproteinase inhibitor 1; Metalloproteinase inhibitor 1 precursor; OTTHUMP00000023214; TIMP 1; TIMP; TIMP metalloproteinase inhibitor 1; TIMP-1; Timp1; TIMP1 protein; TIMP1_HUMAN; Tissue Inhibitor of Metalloproteinase 1; Tissue inhibitor of metalloproteinases 1; Tissue inhibitor of metalloproteinases; Tissue inhibitor of metalloproteinase 1 erythroid potentiating activity collagenase inhibitor; anti-TIMP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Peptide affinity chromatography using SulfoLink Coupling Resin
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	207
Applicable Applications for anti-TIMP1 antibody	IHC (Immunohistochemistry), ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TIMP1, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from MCF7, using TIMP1 Antibody. The lane on the left was treated with blocking peptide.



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) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TIMP1 antibody	TIMP1 Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Also mediates erythropoiesis in vitro; but unlike IL-3, it is species-specific, stimulating the growth and differentiation of only human and murine erythroid progenitors. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MMP-10, MMP-11, MMP-12, MMP-13, and MMP-16
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507509
NCBI GeneID	7076
NCBI Accession #	NP_003245.1
NCBI GenBank Nucleotide #	NP_003245.1
UniProt Accession #	P01033
Molecular Weight	24 kDa
NCBI Official Full Name	metalloproteinase inhibitor 1
NCBI Official Synonym Full Names	TIMP metalloproteinase inhibitor 1
NCBI Official Symbol	TIMP1
NCBI Official Synonym Symbols	EPA; EPO; HCI; CLGI; TIMP; TIMP-1
NCBI Protein Information	metalloproteinase inhibitor 1
UniProt Protein Name	Metalloproteinase inhibitor 1
UniProt Gene Name	TIMP1
UniProt Synonym Gene Names	CLGI; TIMP; EPA; Collagenase inhibitor; TIMP-1
UniProt Entry Name	TIMP1_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://stage.aaabiotech.com/polyclonal/timp1-antibody-immunohistochemistry-immunocytochemistry-immunofluorescence-western-blot-elisa/328224>