Rabbit anti-Human TIMP1 Polyclonal Antibody | anti-TIMP1 antibody

Anti-TIMP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162261	**Rabbit**	**Human**	**Western Blot, Immunohistochemistry, ELISA**

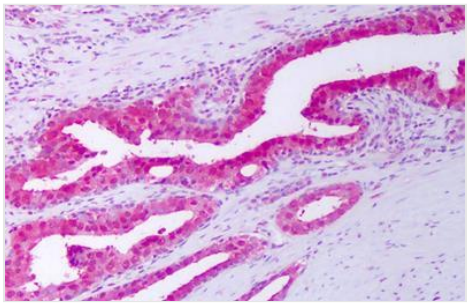
PRODUCT SYNONYMS

TIMP1; Polyclonal Antibody; Anti-TIMP1 Antibody; Rabbit Polyclonal (IgG) to Human TIMP1; CLGI; EPA; HCI; Metalloproteinase inhibitor 1; TIMP-1; Collagenase inhibitor; anti-TIMP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human TIMP-1
Purity/Purification	Immunoaffinity Purified
Form/Format	Lyophilized from PBS, pH 7.2
Sequence Length	207
Applicable Applications for anti-TIMP1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Immunogen	E Coli derived recombinant Human TIMP-1.
Conjugation	Unconjugated
Resuspension Liquid	Sterile water
Preparation and Storage	Store Lyophilized at room temperature up to 1 month. Reconstituted for up to two weeks at 2-8 degree C. Aliquot and freeze at -20 degree C for long term storage. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Anti-TIMP1 antibody IHC of human prostate, epithelium. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-TIMP1 antibody	Metalloproteinase inhibitor that functions by forming one to onecomplexes with target metalloproteinases, such as collagenases, and irreversibly inactivates them by binding to their catalytic zinccofactor. Acts on MMP1, MMP2, MMP3, MMP7, MMP8, MMP9, MMP10, MMP11, MMP12, MMP13 and MMP16. Does not act on MMP14. Also functions as agrowth factor that regulates cell differentiation, migration and cell death and activates cellular signaling cascades via CD63 and ITGB1.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507509
NCBI GeneID	7076
NCBI Accession #	NP_003245.1
NCBI GenBank Nucleotide #	NM_003254.2
UniProt Accession #	P01033; Q14252; Q9UCU1
Molecular Weight	23,171 Da
NCBI Official Full Name	metalloproteinase inhibitor 1
NCBI Official Synonym Full Names	TIMP metallopeptidase 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

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/timp1-antibody-western-blot-immunohistochemistry-elisa/162261