

Rabbit anti-Human Metalloproteinase inhibitor 1 Polyclonal Antibody | anti-TIMP1 antibody

Metalloproteinase inhibitor 1 Polyclonal Antibody

CATALOG # AAA308939	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Metalloproteinase inhibitor 1; Polyclonal Antibody; Metalloproteinase inhibitor 1 Polyclonal Antibody; Erythroid-potentiating activity Fibroblast collagenase inhibitor Tissue inhibitor of metalloproteinases 1 TIMP1 CLGI; TIMP; anti-TIMP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total Metalloproteinase inhibitor 1 polyclonal antibody.
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	207
Applicable Applications for anti-TIMP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Human Metalloproteinase inhibitor 1 protein
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES



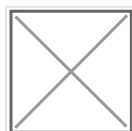
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human plastrate using at dilution of 1:100.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast cancer using at dilution of 1:100.



WB (Western Blot)

All lanes: Metalloproteinase inhibitor 1 antibody at 2ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-TIMP1 antibody	Metalloproteinase inhibitor that functions by forming one to one complexes with target metalloproteinases, such as collagenases, and irreversibly inactivates them by binding to their catalytic zinc cofactor. Acts on MMP1, MMP2, MMP3, MMP7, MMP8, MMP9, MMP10, MMP11, MMP12, MMP13 and MMP16. Does not act on MMP14. Also functions as a growth factor that regulates cell differentiation, migration and cell death and activates cellular signaling cascades via CD63 and ITGB1. Plays a role in integrin signaling. Mediates erythropoiesis in vitro; but, unlike IL3, it is species-specific, stimulating the growth and differentiation of only human and murine erythroid progenitors.
Product Categories/Family for anti-TIMP1 antibody	Total protein Ab

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 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/metalloproteinase-inhibitor-1-antibody-immunohistochemistry-western-blot-elisa/308939>