

Rabbit TIMP3 Polyclonal Antibody | anti-TIMP3 antibody

TIMP3 Antibody (Center)

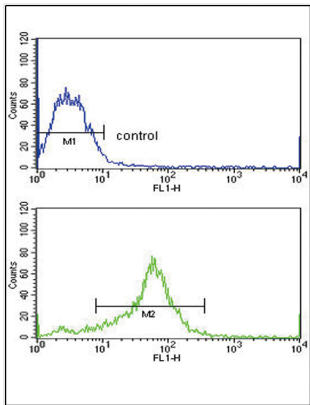
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289636	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Monkey, Rabbit, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

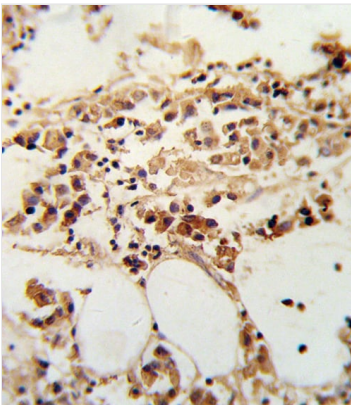
TIMP3; Polyclonal Antibody; TIMP3 Antibody (Center); Metalloproteinase inhibitor 3; Protein MIG-5; Tissue inhibitor of metalloproteinases 3; TIMP-3; anti-TIMP3 antibody

PRODUCT SPECIFICATIONS

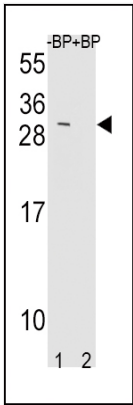
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Monkey, Rabbit, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TIMP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 113-139 amino acids from the Central region of human TIMP3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.417 (varies by lot)
Sequence Positions	113-139
Sequence Length	211
Applicable Applications for anti-TIMP3 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



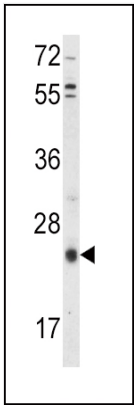
FCM/FACS (Flow Cytometry)
TIMP3 Antibody (Center) flow cytometric analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human breast carcinoma reacted with TIMP3 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of TIMP3 Antibody (Center) Pab pre-incubated without(lane 1) and with(lane 2) blocking peptide in mouse NIH-3T3 cell line lysate. TIMP3 Antibody (Center) (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of TIMP3 Antibody (Center) in HepG2 cell line lysates (35ug/lane). TIMP3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-TIMP3 antibody	TIMP3 is one of inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix (ECM).
Product Categories/Family for anti-TIMP3 antibody	Cancer; Cardiovascular; Cell Biology; Neuroscience; Signal Transduction
References	Jacobson,S.G., et.al., Nat. Genet. 11 (1), 27-32 (1995) Wick,M., et.al., Biochem. J. 311 (PT 2), 549-554 (1995)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507513
NCBI GeneID	7078
NCBI Accession #	NP_000353.1
NCBI GenBank Nucleotide #	NM_000362.4
UniProt Accession #	P35625; Q5THV4; Q9UC74; Q9UGS2; B2RBY9
Molecular Weight	24145

NCBI Official Full Name	metalloproteinase inhibitor 3
NCBI Official Synonym Full Names	TIMP metallopeptidase inhibitor 3
NCBI Official Symbol	TIMP3
NCBI Official Synonym Symbols	SFD; K222; K222TA2; HSMRK222
NCBI Protein Information	metalloproteinase inhibitor 3
UniProt Protein Name	Metalloproteinase inhibitor 3
UniProt Gene Name	TIMP3
UniProt Synonym Gene Names	TIMP-3
UniProt Entry Name	TIMP3_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/timp3-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289636>