

Rabbit TIMP3 Polyclonal Antibody | anti-TIMP3 antibody

TIMP3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320906	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

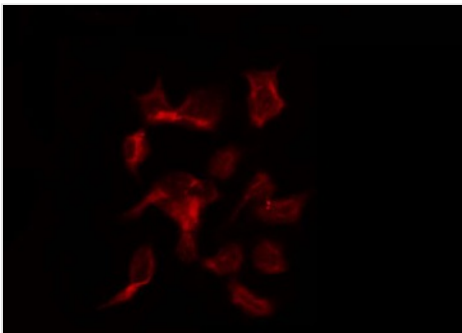
PRODUCT SYNONYMS

TIMP3; Polyclonal Antibody; TIMP3 Antibody; HSMRK222; K222; K222TA2; Metalloproteinase inhibitor 3; MIG 5 protein; MIG5 protein; Protein MIG 5; Protein MIG-5; SFD; Sorsby fundus dystrophy pseudoinflammatory; TIMP 3; TIMP metalloproteinase inhibitor 3; TIMP-3; TIMP3_HUMAN; Tissue Inhibitor of Metalloproteinase 3; Tissue inhibitor of metalloproteinases 3; Tissue inhibitor of metalloproteinases3; anti-TIMP3 antibody

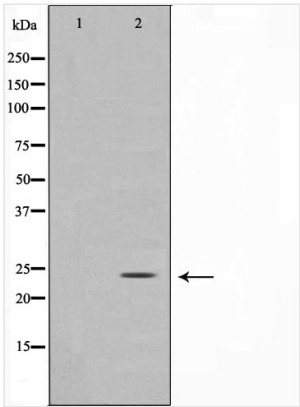
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TIMP3 antibody detects endogenous levels of total TIMP3
Purity/Purification	The antiserum was purified by 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	211
Applicable Applications for anti-TIMP3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TIMP3
Subcellular Location	Secreted > Extracellular Space > Extracellular Matrix.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA320906 staining HuvEc by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes 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.



WB (Western Blot)
Western blot analysis on HuvEc cell lysate using TIMP3 Antibody, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TIMP3 antibody	Description: TIMP3 Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. May form part of a tissue-specific acute response to remodeling stimuli. Known to act on MMP1, MMP2, MMP3, MMP7, MMP9, MMP13, MMP14 and MMP15. Function: Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. May form part of a tissue-specific acute response to remodeling stimuli. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-9, MMP-13, MMP-14 and MMP-15. Subunit Structure: Interacts with EFEMP1. Similarity: Belongs to the protease inhibitor I35 (TIMP) family.
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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	Observed: 25 kDa Predicted: 25 kDa
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

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.

