

Rabbit TIMP3 Polyclonal Antibody | anti-TIMP3 antibody

TIMP3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36986	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

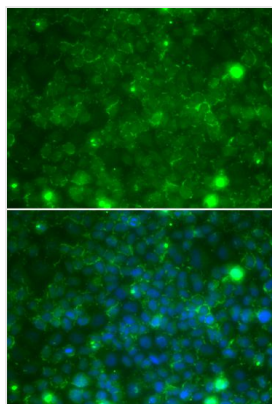
PRODUCT SYNONYMS

TIMP3; Polyclonal Antibody; TIMP3 Polyclonal Antibody; HSMRK222; K222; K222TA2; SFD; anti-TIMP3 antibody

PRODUCT SPECIFICATIONS

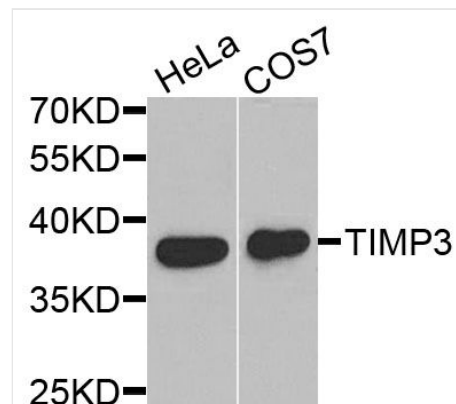
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	211
Applicable Applications for anti-TIMP3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human TIMP3
Calculated Molecular Weight	24kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using TIMP3 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TIMP3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-TIMP3 antibody	esultant inhibition of proteinase function (1,2). In addition to MMP inhibition, TIMPs have also been shown to interact with various membrane receptors on the cell surface. Some of these interactions include: TIMP1 with CD63, TIMP2 with alpha3beta1 integrin, and TIMP3 with VEGFR2, all of which result in distinct cellular effects (3). TIMPs are involved in a wide variety of biological functions, such as tumor angiogenesis and progression (4,5), wound healing, and vascular remodeling (6,7). Mutations in TIMP3 are associated with Sorsby's fundus dystrophy (8,9).
Product Categories/Family for anti-TIMP3 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	730948
NCBI GeneID	7078
UniProt Accession #	P35625; Q5THV4; Q9UC74; Q9UGS2; B2RBY9
Molecular Weight	211
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; TIMP-3; MIG-5 protein; protein MIG-5; tissue inhibitor of metalloproteinases 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://www.aaabiotech.com/polyclonal/timp3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/36986>