

Rabbit TIMP2 Polyclonal Antibody | anti-TIMP2 antibody

TIMP2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36847	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TIMP2; Polyclonal Antibody; TIMP2 Polyclonal Antibody; CSC-21K; anti-TIMP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	220
Applicable Applications for anti-TIMP2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human TIMP2
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 TIMP2 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TIMP2 antibody at 1:3000 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.Detection: ECL Enhanced Kit.Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-TIMP2 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-TIMP2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	135854
NCBI GeneID	7077
UniProt Accession #	P16035; Q16121; Q93006; Q9UDF7; Q96MC4
Molecular Weight	220
NCBI Official Full Name	Metalloproteinase inhibitor 2
NCBI Official Synonym Full Names	TIMP metallopeptidase inhibitor 2
NCBI Official Symbol	TIMP2
NCBI Official Synonym Symbols	DDC8; CSC-21K; KIAA1731NL
NCBI Protein Information	metalloproteinase inhibitor 2; TIMP-2; KIAA1731 N-terminal like protein; tissue inhibitor of metalloproteinase 2; tissue inhibitor of metalloproteinases 2
UniProt Protein Name	Metalloproteinase inhibitor 2
UniProt Gene Name	TIMP2
UniProt Synonym Gene Names	TIMP-2
UniProt Entry Name	TIMP2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/timp2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/36847>