

Rabbit TIMP4 Polyclonal Antibody | anti-TIMP4 antibody

TIMP4 Polyclonal Antibody

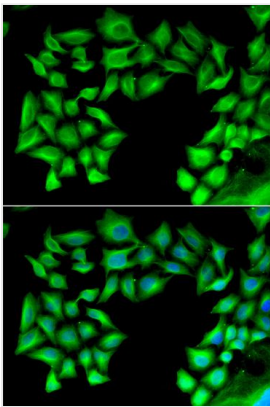
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280117	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

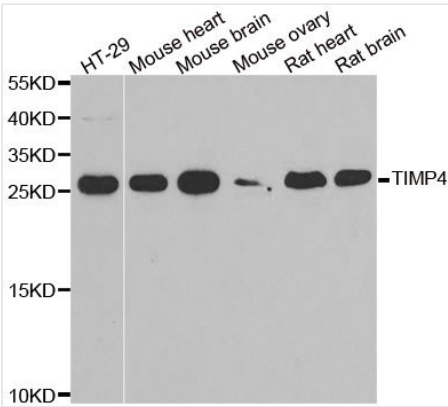
TIMP4; Polyclonal Antibody; TIMP4 Polyclonal Antibody; anti-TIMP4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	224
Applicable Applications for anti-TIMP4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human TIMP4
Calculated Molecular Weight	25kDa
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.



IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cells using TIMP4 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using TIMP4 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. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-TIMP4 antibody	This gene belongs to the TIMP gene family. The proteins encoded by this gene family are inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix. The secreted, netrin domain-containing protein encoded by this gene is involved in regulation of platelet aggregation and recruitment and may play role in hormonal regulation and endometrial tissue remodeling.
Product Categories/Family for anti-TIMP4 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	3915135
NCBI GeneID	7079
UniProt Accession #	Q99727; B2R7K6
Molecular Weight	224
NCBI Official Full Name	Metalloproteinase inhibitor 4
NCBI Official Synonym Full Names	TIMP metallopeptidase inhibitor 4
NCBI Official Symbol	TIMP4
NCBI Protein Information	metalloproteinase inhibitor 4; TIMP-4; tissue inhibitor of metalloproteinase 4; tissue inhibitor of metalloproteinases 4
UniProt Protein Name	Metalloproteinase inhibitor 4
UniProt Gene Name	TIMP4
UniProt Synonym Gene Names	TIMP-4
UniProt Entry Name	TIMP4_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.