

Rabbit TIMP2 Polyclonal Antibody | anti-TIMP2 antibody

TIMP2 Rabbit pAb

CATALOG # AAA281659	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

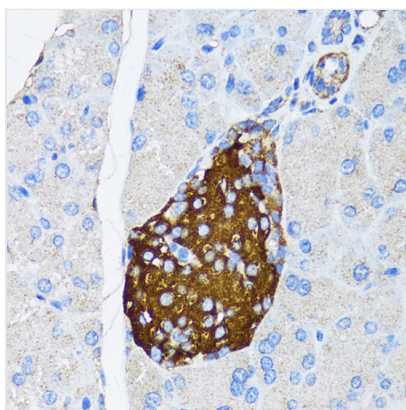
PRODUCT SYNONYMS

TIMP2; Polyclonal Antibody; TIMP2 Rabbit pAb; CSC-21K; DDC8; anti-TIMP2 antibody

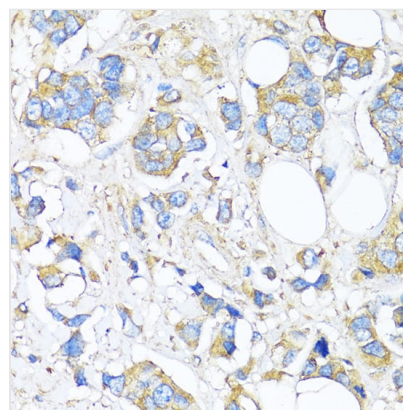
PRODUCT SPECIFICATIONS

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.
Sequence	VSLDVGGKKE YLIAGKAEGD GKMHITLCDF IVPWDTLSTT QKKS LNHR YQ MGCECKITRC PMIPCYISSP DECLWMDWVT EKNINGHQAK FFACIKRSDG S
Applicable Applications for anti-TIMP2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human TIMP2 (NP_003246.1).
Cellular Location	Secreted
Positive Samples	Mouse testis, Mouse brain, Rat testis
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

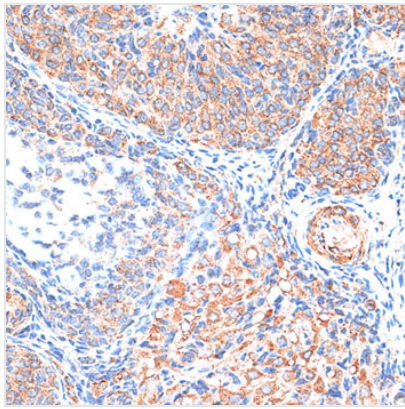
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse pancreatic islet using TIMP2 antibody at dilution of 1:150 (40x lens).

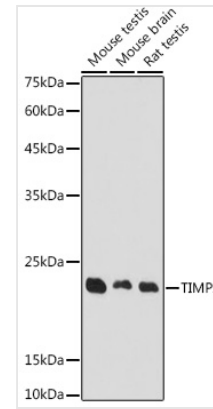

IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human breast cancer using TIMP2 antibody at dilution of 1:150 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat ovary using TIMP2 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TIMP2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-TIMP2 antibody	Background: This gene is a member of the TIMP gene family. The proteins encoded by this gene family are natural inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix. In addition to an inhibitory role against metalloproteinases, the encoded protein has a unique role among TIMP family members in its ability to directly suppress the proliferation of endothelial cells. As a result, the encoded protein may be critical to the maintenance of tissue homeostasis by suppressing the proliferation of quiescent tissues in response to angiogenic factors, and by inhibiting protease activity in tissues undergoing remodelling of the extracellular matrix.
Product Categories/Family for anti-TIMP2 antibody	Cancer ; Invasion and Metastasis ; Research ; Cell Biology & Developmental Biology ; Extracellular Matrix ; MMPs

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507511
NCBI GeneID	7077
NCBI Accession #	NP_003246.1
NCBI GenBank Nucleotide #	NM_003255.4
UniProt Accession #	P16035 ; Q16121 ; Q93006 ; Q9UDF7 ; Q96MC4
Molecular Weight	24,399 Da
NCBI Official Full Name	metalloproteinase inhibitor 2
NCBI Official Synonym Full Names	TIMP metalloproteinase inhibitor 2
NCBI Official Symbol	TIMP2
NCBI Official Synonym Symbols	DDC8; CSC-21K
NCBI Protein Information	metalloproteinase inhibitor 2; TIMP-2; 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://www.aaabiotech.com/polyclonal/timp2-antibody-immunohistochemistry-western-blot-elisa/281659>