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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP59178_P050-Biotin
Product Page	www.avivasysbio.com/timp1-antibody-n-terminal-region-biotin-arp59178-p050-biotin.html
Name	TIMP1 Antibody - N-terminal region : Biotin (ARP59178_P050-Biotin)
Protein Size (# AA)	207 amino acids
Molecular Weight	23kDa
Conjugation	Biotin
NCBI Gene Id	7076
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	TIMP metalloproteinase inhibitor 1
Alias Symbols	EPA, EPO, HCI, CLGI, TIMP, TIMP-1
Peptide Sequence	Synthetic peptide located within the following region: QRYEIKMTKMYKGFQALGDAADIRFVYTPAMESVCGYFHRSHNRSEFLI
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	This gene belongs to the TIMP gene family. The proteins encoded by this gene family are natural inhibitors of the matrix metalloproteinases (MMPs), a group of peptidases involved in degradation of the extracellular matrix. In addition to its inhibitory role against most of the known MMPs, the encoded protein is able to promote cell proliferation in a wide range of cell types, and may also have an anti-apoptotic function. Transcription of this gene is highly inducible in response to many cytokines and hormones. In addition, the expression from some but not all inactive X chromosomes suggests that this gene inactivation is polymorphic in human females. This gene is located within intron 6 of the synapsin I gene and is transcribed in the opposite direction.
Protein Interactions	UBC; FBXO6; MYOC; ZBTB16; RECQL5; ECH1; EEF1B2; MMP3; CD63; MMP2; MMP1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-TIMP1 (ARP59178_P050-Biotin) antibody
Blocking Peptide	For anti-TIMP1 (ARP59178_P050-Biotin) antibody is Catalog# AAP59178
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human TIMP1
Uniprot ID	Q6FGX5
Protein Name	TIMP metalloproteinase inhibitor 1 EMBL CAI42465.1
Protein Accession #	NP_003245
Purification	Affinity Purified
Nucleotide Accession #	NM_003254
Gene Symbol	TIMP1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Sheep
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 86%; Goat: 93%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 79%; Rabbit: 79%; Rat: 79%; Sheep: 93%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com