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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

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Product Number	ARP59181_P050-Biotin
Product Page	www.avivasysbio.com/timp2-antibody-middle-region-biotin-arp59181-p050-biotin.html
Name	TIMP2 Antibody - middle region : Biotin (ARP59181_P050-Biotin)
Protein Size (# AA)	220 amino acids
Molecular Weight	24kDa
Conjugation	Biotin
NCBI Gene Id	7077
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	TIMP metalloproteinase inhibitor 2
Alias Symbols	DDC8, CSC-21K
Peptide Sequence	Synthetic peptide located within the following region: IVPWDTLSTTQKKSLSNHRVYQMGCECKITRCMPIMPCYISSPDECLWMDWVT
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	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.
Protein Interactions	BAG3; ITGA3; MMP14; ITGB1; MMP2; MMP8; SNCG; PSMA7;
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-TIMP2 (ARP59181_P050-Biotin) antibody
Blocking Peptide	For anti-TIMP2 (ARP59181_P050-Biotin) antibody is Catalog# AAP59181 (Previous Catalog# AAPP45149)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TIMP2
Uniprot ID	P16035
Protein Name	Metalloproteinase inhibitor 2
Protein Accession #	NP_003246
Purification	Affinity Purified
Nucleotide Accession #	NM_003255
Gene Symbol	TIMP2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep
Application	IHC, WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 100%; Sheep: 100%

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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