

Product datasheet for AP20274PU-M

TIMP1 Rabbit Polyclonal Antibody

Product data:

OriGene Technologies, Inc.

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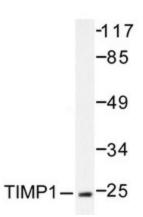
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1/500-1/1000.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of TIMP-1 protein.
Formulation:	Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2 State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	1.0 mg/ml
Purification:	Affinity-chromatography using epitope-specific immunogen; purity is > 95% (by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~ 24 kDa
Gene Name:	TIMP metallopeptidase inhibitor 1
Database Link:	<u>Entrez Gene 21857 MouseEntrez Gene 116510 RatEntrez Gene 7076 Human</u> <u>P01033</u>



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	TIMP1 Rabbit Polyclonal Antibody – AP20274PU-M
Background:	TIMP-1, TIMP-2, TIMP-3 and TIMP-4 (for tissue inhibitor of metalloproteinases- 1, -2, -3 and -4) complex with metalloproteinases such as collagenases, gelatinases and stromelysins, resulting in irreversible inactivation of the metalloproteinase. TIMP-1 was found to be identical to EPA (erythroid-potentiation activity). Parathyroid hormone has been shown to be a regulator of TIMP-2 in osteoblastic cells. TIMP-3 may be involved in regulating trophoblastic invasion of the uterus as well as in regulating remodeling of the extracellular matrix during the folding of epitheli, and in the formation, branching and expansion of epithelial tubes. TIMP-4 is most highly expressed in heart and low levels of TIMP-4 are expressed in liver, brain, lung, thymus and spleen.
Synonyms:	TIMP-1, TIMP, Tissue inhibitor of metalloproteinases, Metalloproteinase inhibitor 1, EPA, CLGI
Protein Familie	s: Druggable Genome, Secreted Protein

Product images:



Western blot analysis of TIMP-1 antibody ([AP20274PU-N]) in extracts from 293 cells.

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