

Product datasheet for **AP23356PU-N**

TIMP4 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: At 1-2µg/ml with the appropriate system to detect TIMP-4 in cells and tissues.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A peptide mapping at the C-terminal end of human TIMP-4
Specificity:	This antibody detects TIMP4 (C-term). No cross reactivity with other proteins.
Formulation:	50% glycerol, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ State: Aff - Purified State: Lyophilized Ig fraction
Reconstitution Method:	1.2% sodium acetate or neutral PBS. If 0.5ml of PBS is used, the antibody concentration will be 100µg/ml.
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	TIMP metalloproteinase inhibitor 4
Database Link:	<u>Entrez Gene 110595 Mouse</u> <u>Entrez Gene 680130 Rat</u> <u>Entrez Gene 7079 Human Q99727</u>
Background:	The tissue inhibitors of metalloproteinases (TIMPs) inhibit matrix metalloproteinases (MMPs), a group of peptidases involved in degradation of the extracellular matrix. TIMP4 gene contains 5 exons that span 6 kb of genomic DNA. The gene is expressed as a 1.4-kb transcript abundant in heart and present at low levels in several other tissues. expressed TIMP4 inhibits MMPs in vitro. TIMP4 gene is mapped to chromosome 3p25. TIMP-4 binds both progelatinase A and the C domain in a similar manner to that of TIMP-2.

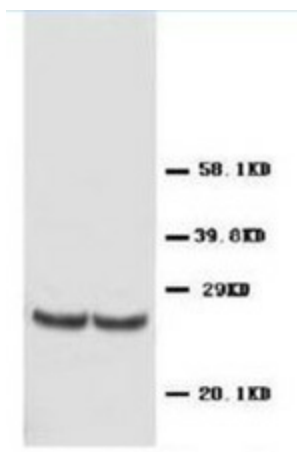


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Synonyms: TIMP-4, Tissue inhibitor of metalloproteinases 4, Metalloproteinase inhibitor 4

Protein Families: Druggable Genome, Secreted Protein

Product images:



Western blot analysis of rat kidney tissue lysis using TIMP4 antibody