

Rabbit polyclonal antibody to human Metalloproteinase inhibitor 3 (198-211): Affinity purified

Catalogue No.:	R-1106-100
Description:	The matrix metalloproteinases (MMPs) are a large family of zinc endopeptidases that degrade extracellular matrix components such as fibronectin and collagen type III. The tissue inhibitors of metalloproteinase (TIMPs) complex with these matrix metalloproteinases and irreversibly inactivate them. The TIMP proteins are homologous and are either secreted in soluble form (TIMP1, TIMP2 and TIMP4) or bind to extracellular matrix components (TIMP3). Metalloproteinase inhibitor 3 (TIMP3) is known to inhibit MMP-1, MMP-2, MMP-3, MMP-7, MMP-9, MMP-13, MMP-14 and MMP-15.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (WAPPDKSIINATDP) corresponding to a region (198-211) from the C-terminus of human Metalloproteinase inhibitor 3. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	Tissue inhibitor of metalloproteinases 3; TIMP-3; MIG-5; TIMP3;
Accession:	P35625 TIMP3_HUMAN;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Human TIMP3 (precursor) has a predicted length of 211 residues and MW of 24 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB against the antigen.
Cross-reactivity:	Human;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

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