

TIMP3 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9124c**Specification**

TIMP3 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P35625](#)**TIMP3 Antibody (Center) Blocking Peptide - Additional Information**

Gene ID 7078

Other Names

Metalloproteinase inhibitor 3, Protein MIG-5, Tissue inhibitor of metalloproteinases 3, TIMP-3, TIMP3

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9124c](/products/AP9124c) was selected from the Center region of human TIMP3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TIMP3 Antibody (Center) Blocking Peptide - Protein Information

Name TIMP3

Function

Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. May form part of a tissue-specific acute response to remodeling stimuli. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-9, MMP-13, MMP-14 and MMP-15.

Cellular Location

Secreted, extracellular space, extracellular matrix

TIMP3 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

TIMP3 Antibody (Center) Blocking Peptide - Images

TIMP3 Antibody (Center) Blocking Peptide - Background

TIMP3 is one of inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix (ECM).

TIMP3 Antibody (Center) Blocking Peptide - References

Jacobson,S.G., et.al., Nat. Genet. 11 (1), 27-32 (1995)Wick,M., et.al., Biochem. J. 311 (PT 2), 549-554 (1995)