

TIMP-3 (Tissue Inhibitor of Metalloproteinase-3) Antibody - With BSA and Azide

Rabbit Polyclonal Antibody
Catalog # AH10766

Product Information

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|--------------------------|--|
| Application | IF, FC, IHC-P |
| Primary Accession | P35625 |
| Other Accession | 7078 , 644633 , 714168 |
| Reactivity | Human, Mouse, Rat, Bovine, Horse, Dog |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit / IgG |
| Clone Names | |
| Calculated MW | 30 KDa |

Additional Information

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|-------------------------|--|
| Other Names | Metalloproteinase inhibitor 3, Protein MIG-5, Tissue inhibitor of metalloproteinases 3, TIMP-3, TIMP3 |
| Application Note | IF~~1:50~200 FC~~1:10~50 IHC-P~~N/A |
| Format | 200ug/ml of Ab purified from rabbit anti-serum by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0mg/ml. |
| Storage | Store at 2 to 8°C. Antibody is stable for 24 months. |
| Precautions | TIMP-3 (Tissue Inhibitor of Metalloproteinase-3) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

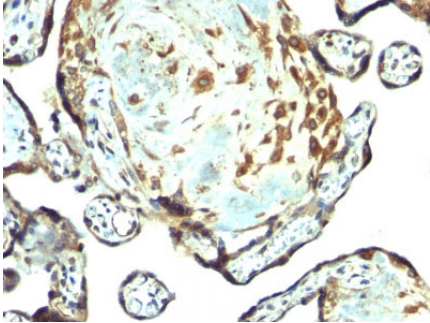
Background

TIMP3 (tissue inhibitor of metalloproteinases 3), along with family members TIMP1, TIMP2, and TIMP4, are inhibitors of the matrix metalloproteinases (MMPs), a group of peptidases involved in degradation of the extracellular matrix (ECM). An imbalance between MMPs and the associated TIMPs may play a significant role in the invasive phenotype of malignant tumors. TIMP s inhibit the proteolytic invasiveness of tumor cells and normal placental trophoblast 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 epithelia, and in the formation, branching and expansion of epithelial tubes.

References

Nagase, H. et al. (2006) Cardiovasc Res 69, 562-73. | Visse, R. and Nagase, H. (2003) Circ Res 92, 827-39. |

Images



Formalin-fixed, paraffin-embedded human Placenta stained with TIMP3 Rabbit Polyclonal Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.