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# TIMP-4 Polyclonal Antibody

Catalog # AP73982

## Product Information

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|---|---|
| **Application** | WB, E, IHC-P |
| **Primary Accession** | Q99727 |
| **Reactivity** | Human, Rat, Mouse |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 25503 |

## Additional Information

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|---|---|
| **Gene ID** | 7079 |
| **Other Names** | Metalloproteinase inhibitor 4 (Tissue inhibitor of metalloproteinases 4) (TIMP-4) |
| **Dilution** | WB~~WB 1:500-2000, ELISA 1:10000-20000 E~~N/A IHC-P~~N/A |
| **Format** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide. |
| **Storage Conditions** | -20℃ |

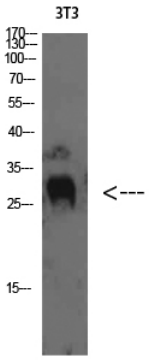
## Protein Information

| | |
|---|---|
| **Name** | TIMP4 |
| **Function** | Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Known to act on MMP-1, MMP-2, MMP-3, MMP-7 and MMP-9. |
| **Cellular Location** | Secreted. |
| **Tissue Location** | Abundant in heart and present at low levels in many other tissues |

## Background

Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Known to act on MMP-1, MMP-2, MMP-3, MMP-7 and MMP- 9.

## Images




Western Blot analysis of 3T3 cells using TIMP-4 Polyclonal Antibody diluted at 1:800. Secondary antibody was diluted at 1:20000

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