



TIMP-4 Polyclonal Antibody

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|---------------------------|---|
| Catalog No | BYab-02891 |
| Isotype | IgG |
| Reactivity | Human;Rat;Mouse; |
| Applications | WB;ELISA;IHC |
| Gene Name | TIMP4 |
| Protein Name | TIMP-4 |
| Immunogen | Synthesized peptide derived from TIMP-4 at AA range: 174-223 |
| Specificity | TIMP-4 Polyclonal Antibody detects endogenous levels of TIMP-4 |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | Metalloproteinase inhibitor 4 (Tissue inhibitor of metalloproteinases 4) (TIMP-4) |
| Observed Band | 26kD |
| Cell Pathway | Secreted. |
| Tissue Specificity | Abundant in heart and present at low levels in many other tissues. |
| Function | function:Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them. Known to act on MMP-1, MMP-2, MMP-3, MMP-7 and MMP-9.,similarity:Belongs to the protease inhibitor I35 (TIMP) family.,similarity:Contains 1 NTR domain.,tissue specificity:Abundant in heart and present at low levels in many other tissues., |
| Background | This gene belongs to the TIMP gene family. The proteins encoded by this gene family are inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix. The secreted, netrin domain-containing protein encoded by this gene is involved in regulation of platelet aggregation and recruitment and may play role in hormonal regulation and endometrial tissue remodeling. [provided by RefSeq, Jul 2008], |

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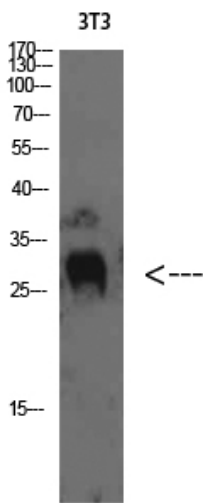
matters needing attention

Avoid repeated freezing and thawing!

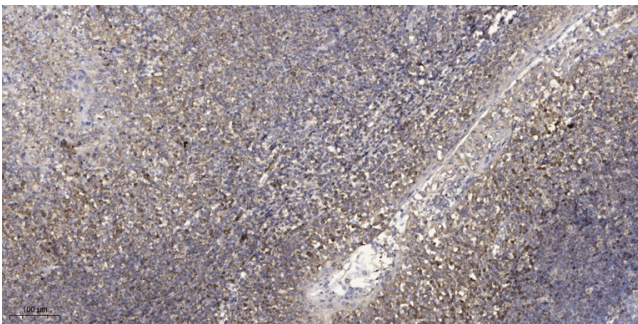
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of 3T3 cells using TIMP-4 Polyclonal Antibody diluted at 1:800. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

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