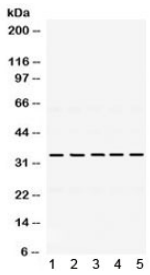
# TIMP3 Antibody (R32078)

| Catalog No. | Formulation | Size |
|---|---|---|
| R32078 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse, Rat |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity |
| **Buffer** | Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide |
| **UniProt** | P35625 |
| **Applications** | Western Blot : 0.1-0.5ug/ml<br>ELISA : 0.1-0.5ug/ml (human protein tested); request BSA-free format for coating |
| **Limitations** | This TIMP3 antibody is available for research use only. |




Western blot testing of 1) rat kidney, 2) mouse ovary, 3) human HeLa, 4) human MCF7 and 5) human SMMC lysate with TIMP3 antibody. Expected/observed molecular weight: ~24/33 kDa (unmodified/glycosylated).

## Description

Metalloproteinase inhibitor 3 is a protein that in humans is encoded by the TIMP3 gene. It is mapped to 22q12.1-q13.2. This gene belongs to the tissue inhibitor of metalloproteinases gene family. The proteins encoded by this gene family are inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of theextracellular matrix (ECM). Expression of this gene is induced in response to mitogenic stimulation and this netrin domain-containing protein is localized to the ECM. Mutations in this gene have been associated with the autosomal dominant disorder Sorsby's fundus dystrophy.

## Application Notes

Optimal dilution of the TIMP3 antibody should be determined by the researcher.

## Immunogen

Amino acids 24-211 of human TIMP3 were used as the immunogen for the TIMP3 antibody.

## Storage

After reconstitution, the TIMP3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.


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