

## Rabbit anti-Human Metalloproteinase inhibitor 4 Polyclonal Antibody | anti-TIMP4 antibody

Rabbit anti-Human Metalloproteinase inhibitor 4 polyclonal Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA230038</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

### PRODUCT SYNONYMS

Metalloproteinase inhibitor 4; Polyclonal Antibody; Rabbit anti-Human Metalloproteinase inhibitor 4 polyclonal Antibody; Tissue inhibitor of metalloproteinases 4; TIMP-4; TIMP4; anti-TIMP4 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                          |
|-------------------------------------------------|------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                   |
| Reactivity                                      | Human                                                                                    |
| Clonality                                       | Polyclonal                                                                               |
| Isotype                                         | IgG                                                                                      |
| Purity/Purification                             | Caprylic Acid Ammonium Sulfate Precipitation purified                                    |
| Form/Format                                     | Liquid                                                                                   |
| Sequence Length                                 | 224                                                                                      |
| Applicable Applications for anti-TIMP4 antibody | IHC (Immunohistochemistry), ELISA                                                        |
| Immunogen                                       | Recombinant human Metalloproteinase inhibitor 4 protein                                  |
| Conjugation                                     | Non-conjugated                                                                           |
| Storage Buffer                                  | Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4           |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-9375 / sc-30076  |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C. |

### IMAGES



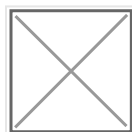
#### IHC (Immunohistochemistry)

Immunofluorescent analysis of HeLa cells using AAA230038 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA230038 at dilution 1:100



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA230038 at dilution 1:100

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TIMP4 antibody | Complexes with metalloproteinases 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.<br><br>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. |
| Product Categories/Family for anti-TIMP4 antibody   | Cardiovascular                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                   |
|----------------------------------|-----------------------------------|
| NCBI GI #                        | 4507515                           |
| NCBI GeneID                      | 7079                              |
| NCBI Accession #                 | NP_003247.1                       |
| NCBI GenBank Nucleotide #        | NM_003256.3                       |
| UniProt Accession #              | Q99727; B2R7K6                    |
| Molecular Weight                 | 25,503 Da                         |
| NCBI Official Full Name          | metalloproteinase inhibitor 4     |
| NCBI Official Synonym Full Names | TIMP metallopeptidase inhibitor 4 |
| NCBI Official Symbol             | TIMP4                             |
| NCBI Protein Information         | metalloproteinase inhibitor 4     |
| UniProt Protein Name             | Metalloproteinase inhibitor 4     |
| UniProt Gene Name                | TIMP4                             |
| UniProt Synonym Gene Names       | TIMP-4                            |
| UniProt Entry Name               | TIMP4_HUMAN                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/metalloproteinase-inhibitor-4-antibody-immunohistochemistry-elisa/230038>