

## Rabbit anti-Human TIMP4 Polyclonal Antibody | anti-TIMP4 antibody

Rabbit anti-TIMP4 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                       |
|-----------|--------|------------|------------------------------------|
| AAA219858 | Rabbit | Human      | Immunohistochemistry, Western Blot |

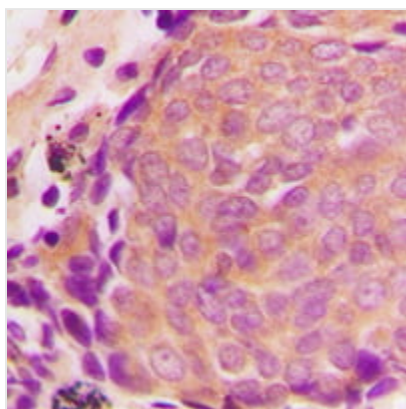
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

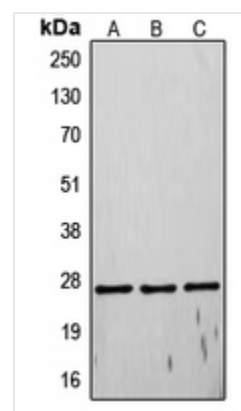
|                                                 |                                                                                                                                      |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                               |
| Reactivity                                      | Human                                                                                                                                |
| Clonality                                       | Polyclonal                                                                                                                           |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                                      |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                            |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                                               |
| Applicable Applications for anti-TIMP4 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                        |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human TIMP4. The exact sequence is proprietary. |
| Preparation and Storage                         | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                            |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of TIMP4 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of TIMP4 expression in Sol8 (A), MCF7 (B), HeLa (C) whole cell lysates.

ADDITIONAL INFORMATION

|                                                   |                    |
|---------------------------------------------------|--------------------|
| Product Categories/Family for anti-TIMP4 antibody | Primary antibodies |
|---------------------------------------------------|--------------------|

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; TIMP-4; tissue inhibitor of metalloproteinase 4; tissue inhibitor of metalloproteinases 4 |
| UniProt Protein Name             | Metalloproteinase inhibitor 4                                                                                            |
| UniProt Gene Name                | <b>TIMP4</b>                                                                                                             |
| 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/timp4-antibody-immunohistochemistry-western-blot-elisa/219858>