

## Rabbit TIMP2 Polyclonal Antibody | anti-TIMP2 antibody

TIMP2 Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA308274</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

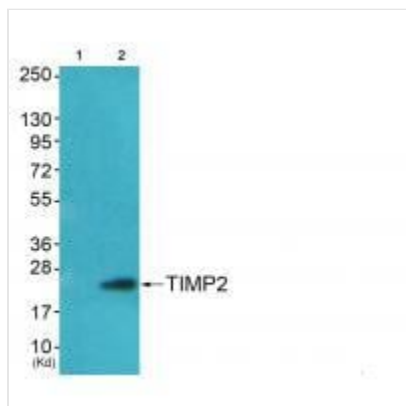
### PRODUCT SYNONYMS

TIMP2; Polyclonal Antibody; TIMP2 Antibody; tissue inhibitor of metalloproteinase 2; anti-TIMP2 antibody

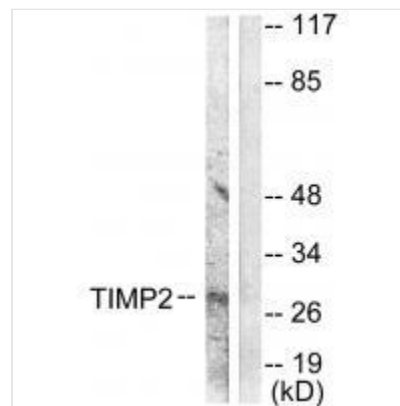
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                    |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                             |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                  |
| Clonality                                       | Polyclonal                                                                                                                                         |
| Specificity                                     | The antibody detects endogenous levels of total TIMP2 protein.                                                                                     |
| Purity/Purification                             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                              |
| Form/Format                                     | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                   | 1.0 mg/ml (varies by lot)                                                                                                                          |
| Sequence Length                                 | 220                                                                                                                                                |
| Applicable Applications for anti-TIMP2 antibody | IF (Immunofluorescence), WB (Western Blot)                                                                                                         |
| Immunogen Type                                  | Peptide                                                                                                                                            |
| Immunogen Description                           | Synthesized peptide derived from human TIMP2.                                                                                                      |
| Target Name                                     | TIMP2                                                                                                                                              |
| Preparation and Storage                         | Store at -20 degree C                                                                                                                              |

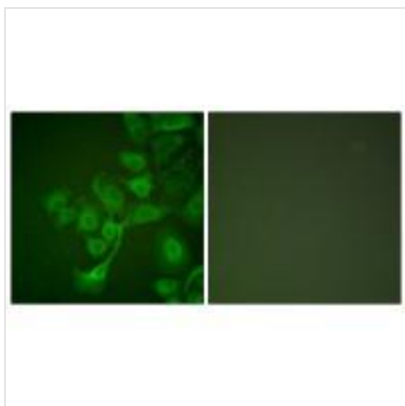
### IMAGES


**WB (Western Blot)**

Western blot analysis of extracts from HepG2 cells (Lane 2), using TIMP2 antibody. The lane on the left is treated with synthesized peptide.


**WB (Western Blot)**

Western blot analysis of extracts from A549 cells, using TIMP2 antibody.



#### IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells, using TIMP2 antibody.

## ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TIMP2 antibody | 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, MMP-8, MMP-9, MMP-10, MMP-13, MMP-14, MMP-15, MMP-16 and MMP-19. Dominique Trudel, AACR Meeting Abstracts, Mar 2004; 2004: 264. O. Alcazar, Invest. Ophthalmol. Vis. Sci., May 2007; 48: 5057. Isabelle Kazes, Blood, Nov 2000; 96: 3064 - 3069. Georgina S. Butler, J. Biol. Chem., Jan 1998; 273: 871. |
| Product Categories/Family for anti-TIMP2 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## NCBI AND UNIPROT INFORMATION

|                                  |                                    |
|----------------------------------|------------------------------------|
| NCBI GI #                        | 4507511                            |
| NCBI GeneID                      | 7077                               |
| NCBI Accession #                 | NP_003246.1                        |
| NCBI GenBank Nucleotide #        | NM_003255.4                        |
| UniProt Accession #              | P16035; Q16121; Q93006; Q9UDF7     |
| Molecular Weight                 | 24,399 Da                          |
| NCBI Official Full Name          | metalloproteinase inhibitor 2      |
| NCBI Official Synonym Full Names | TIMP metalloproteinase inhibitor 2 |
| NCBI Official Symbol             | TIMP2                              |
| NCBI Official Synonym Symbols    | DDC8; CSC-21K                      |
| NCBI Protein Information         | metalloproteinase inhibitor 2      |
| UniProt Protein Name             | Metalloproteinase inhibitor 2      |
| UniProt Gene Name                | <b>TIMP2</b>                       |
| UniProt Synonym Gene Names       | TIMP-2                             |
| UniProt Entry Name               | TIMP2_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/timp2-antibody-immunofluorescence-western-blot-elisa/308274>