

**TIMP2 Antibody**  
**Affinity-Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP50675****Specification**

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**TIMP2 Antibody - Product Information**

Application	IF, WB
Primary Accession	<a href="#">P16035</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24 KDa
Antigen Region	40-68

**TIMP2 Antibody - Additional Information****Gene ID** 7077**Other Names**

Metalloproteinase inhibitor 2, CSC-21K, Tissue inhibitor of metalloproteinases 2, TIMP-2, TIMP2

**Dilution**

IF~~1:100

WB~~1:1000

**Format**Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.**Storage Conditions**

-20°C

**TIMP2 Antibody - Protein Information****Name** TIMP2**Function**

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.

**Cellular Location**

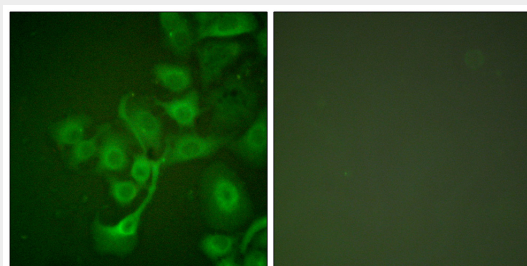
Secreted.

**TIMP2 Antibody - Protocols**

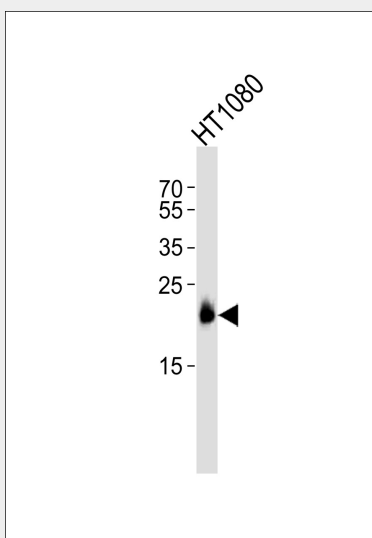
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### TIMP2 Antibody - Images



Immunofluorescence analysis of A549 cells, using TIMP2 antibody (#AP50675).



Western blot analysis of lysate from HT1080 cell line, using TIMP2 Antibody (AP50675). AP50675 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

### TIMP2 Antibody - Background

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.

### TIMP2 Antibody - References

Stetler-Stevenson W.G., et al. J. Biol. Chem. 265:13933-13938(1990).  
Boone T.C., et al. Proc. Natl. Acad. Sci. U.S.A. 87:2800-2804(1990).  
Hammani K., et al. J. Biol. Chem. 271:25498-25505(1996).

Malik K., et al. Submitted (AUG-1990) to the EMBL/GenBank/DDBJ databases.  
Stetler-Stevenson W.G., et al. J. Biol. Chem. 264:17374-17378(1989).