

# TIMP2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50675

## Product Information

---

<b>Application</b>	WB, IF
<b>Primary Accession</b>	<a href="#">P16035</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Calculated MW</b>	24399

## Additional Information

---

<b>Gene ID</b>	7077
<b>Other Names</b>	Metalloproteinase inhibitor 2, CSC-21K, Tissue inhibitor of metalloproteinases 2, TIMP-2, TIMP2
<b>Dilution</b>	WB~~1:1000 IF~~1:100
<b>Format</b>	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
<b>Storage Conditions</b>	-20°C

## Protein Information

---

<b>Name</b>	TIMP2
<b>Function</b>	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.
<b>Cellular Location</b>	Secreted.

## 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.

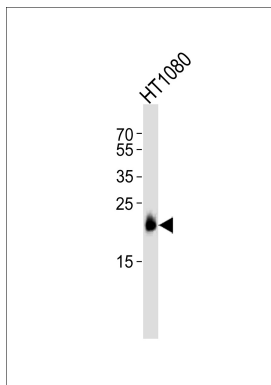
## References

---

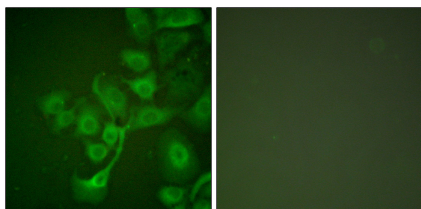
Stetler-Stevenson W.G.,et al.J. Biol. Chem. 265:13933-13938(1990).  
Boone T.C.,et al.Proc. Natl. Acad. Sci. U.S.A. 87:2800-2804(1990).  
Hammani K.,et al.J. Biol. Chem. 271:25498-25505(1996).  
Malik K.,et al.Submitted (AUG-1990) to the EMBL/GenBank/DDBJ databases.  
Stetler-Stevenson W.G.,et al.J. Biol. Chem. 264:17374-17378(1989).

## Images

---



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.



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.