

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

Specification

TIMP2 Antibody - Product Information

Application	IF, WB
Primary Accession	P16035
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 Mg²⁺ and Ca²⁺), 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

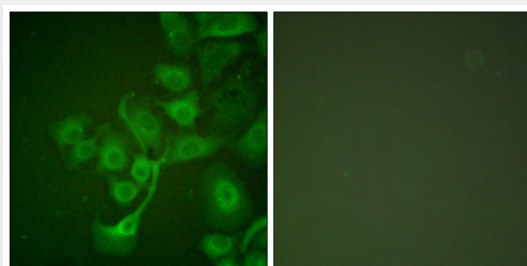
Secreted.

TIMP2 Antibody - Protocols

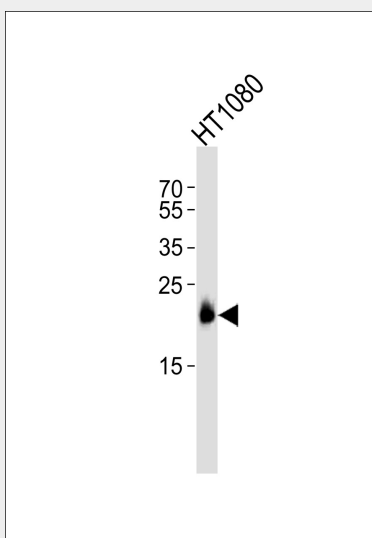
Provided below are standard protocols that you may find useful for product applications.

- [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).