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TIMP2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50675

Product Information

Application	WB, IF
Primary Accession	P16035
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Calculated MW	24399

Additional Information

Gene ID	7077
Other Names	Metalloproteinase inhibitor 2, CSC-21K, Tissue inhibitor of metalloproteinases 2, TIMP-2, TIMP2
Dilution	WB~~1:1000 IF~~1:100
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℃

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.

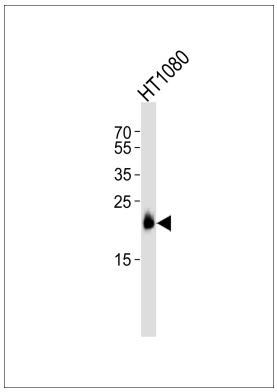
Background

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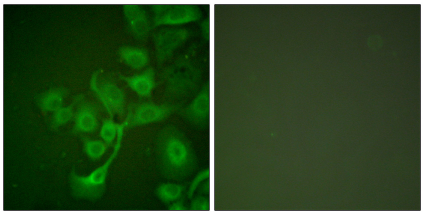
References

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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'.