

Rabbit Anti-TIMP-2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP52136

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	P16035
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24399

Additional Information

Gene ID	7077
Other Names	DDC8; CSC-21K; KIAA1731NL; Metalloproteinase inhibitor 2; Tissue inhibitor of metalloproteinases 2; TIMP-2; TIMP2
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

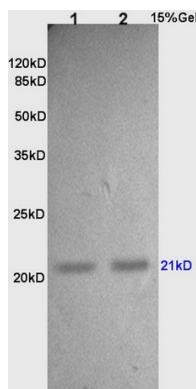
Background

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.

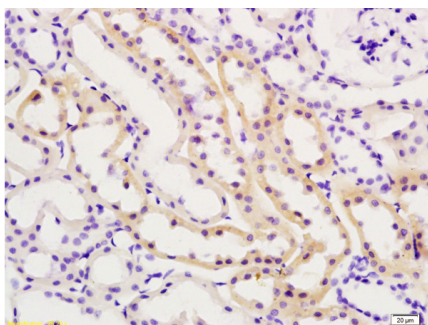
References

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



L1 and L2 rat lung lysates probed with Anti TIMP-2 Polyclonal Antibody, Unconjugated (AP52136) at 1:200 in 4° C. Followed by conjugation to secondary antibody at 1:3000 90min in 37° C. Predicted band 24kD. Observed band size: 21kD



Formalin-fixed and paraffin embedded rat kidney tissue labeled with Anti-TIMP-2 Polyclonal Antibody (AP52136), Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining

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