

TIMP4 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51565

Product Information

Application	WB
Primary Accession	Q99727
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25503

Additional Information

Gene ID	7079
Other Names	Metalloproteinase inhibitor 4, Tissue inhibitor of metalloproteinases 4, TIMP-4, TIMP4
Target/Specificity	KLH conjugated synthetic peptide derived from human TIMP4
Dilution	WB~~ 1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	TIMP4
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 and MMP-9.
Cellular Location	Secreted.
Tissue Location	Abundant in heart and present at low levels in many other tissues

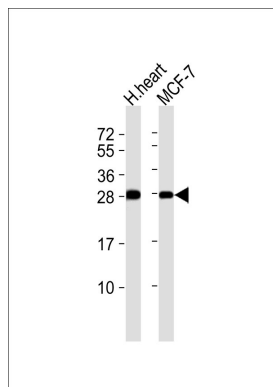
Background

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References

Greene J.,et al.J. Biol. Chem. 271:30375-30380(1996).
Olson T.M.,et al.Genomics 51:148-151(1998).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Images



All lanes : Anti-TIMP4 Antibody at 1:1000 dilution Lane 1: human heart lysates Lane 2: MCF-7 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 26 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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