

TIMP4 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51565

Specification

TIMP4 Antibody - Product Information

Application	WB
Primary Accession	Q99727
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26 KDa
Antigen Region	161 - 220

TIMP4 Antibody - 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

TIMP4 Antibody - 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

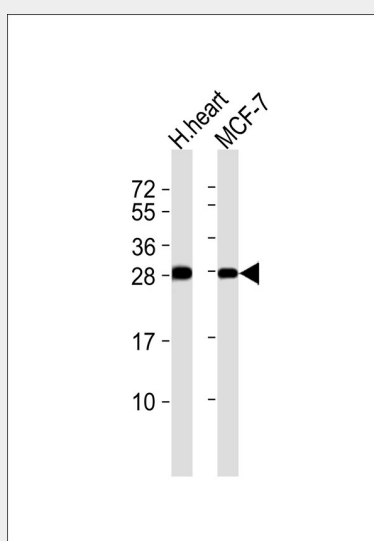
Abundant in heart and present at low levels in many other tissues

TIMP4 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](#)

TIMP4 Antibody - 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.

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TIMP4 Antibody - 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.