

TIMP4 Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP51565

Product Information

Application WB Primary Accession Q99727

Reactivity Human, Mouse

HostRabbitClonalityPolyclonalCalculated MW25503

Additional Information

Gene ID 7079

Other Names Metalloproteinase inhibitor 4, Tissue inhibitor of metalloproteinases 4,

TIMP-4, TIMP4

Target/Specificity KLH-conjugated synthetic peptide encompassing a sequence within the

C-term region of human TIMP4. The exact sequence is proprietary.

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

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.

References

Greene J., et al.J. Biol. Chem. 271:30375-30380(1996).

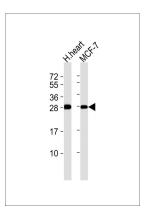
Olson T.M., et al. Genomics 51:148-151(1998).

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'.