

Summary

Production Name	TIMP-4 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	TIMP4
Alternative Names	Metalloproteinase inhibitor 4 (Tissue inhibitor of metalloproteinases 4) (TIMP-4)
Gene ID	7079.0
SwissProt ID	Q99727.Synthesized peptide derived from TIMP-4 at AA range: 174-223

Application

Dilution Ratio	WB 1:500-2000; ELISA 2000-20000
Molecular Weight	26kD

Background

This gene belongs to the TIMP gene family. The proteins encoded by this gene family are inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix. The secreted, netrin domain-

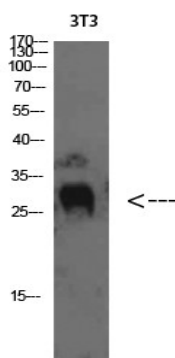
Product Name: TIMP-4 Rabbit Polyclonal Antibody
Catalog #: APRab18954



containing protein encoded by this gene is involved in regulation of platelet aggregation and recruitment and may play role in hormonal regulation and endometrial tissue remodeling. [provided by RefSeq, Jul 2008],function:Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them. Known to act on MMP-1, MMP-2, MMP-3, MMP-7 and MMP-9.,similarity:Belongs to the protease inhibitor I35 (TIMP) family.,similarity:Contains 1 NTR domain.,tissue specificity:Abundant in heart and present at low levels in many other tissues.,

Research Area

Image Data



Western Blot analysis of 3T3 cells using TIMP-4 Polyclonal Antibody diluted at 1:800. Secondary antibody was diluted at 1:20000

Note

For research use only.