

TIMP-4 Polyclonal Antibody

Catalog No :	YT5799
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA;IHC
Target :	TIMP-4
Gene Name :	TIMP4
Protein Name :	TIMP-4
Human Gene Id :	7079
Human Swiss Prot No :	Q99727
Mouse Gene Id :	110595
Mouse Swiss Prot No :	Q9JHB3
Immunogen :	Synthesized peptide derived from TIMP-4 at AA range: 174-223
Specificity :	TIMP-4 Polyclonal Antibody detects endogenous levels of TIMP-4
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 26kD

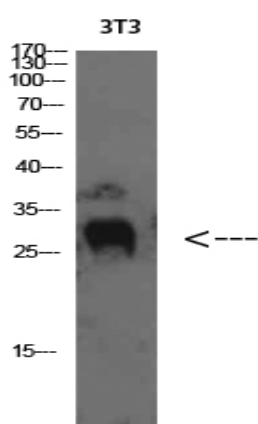
Background : This gene belongs to the TIMP gene family. The proteins encoded by this gene family are inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix. The secreted, netrin domain-containing protein encoded by this gene is involved in regulation of platelet aggregation and recruitment and may play role in hormonal regulation and endometrial tissue remodeling. [provided by RefSeq, Jul 2008],

Function : 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.,

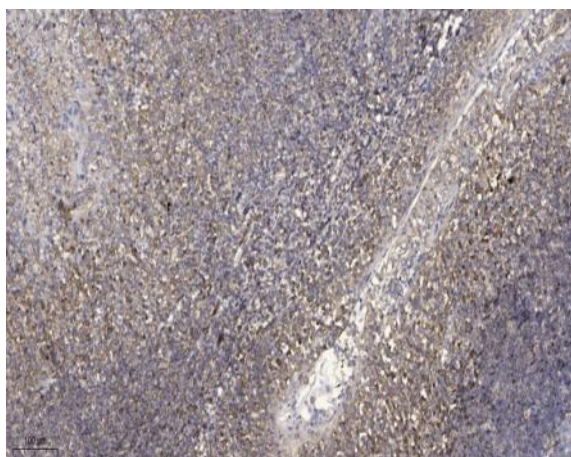
Subcellular Location : Secreted.

Expression : Abundant in heart and present at low levels in many other tissues.

Products Images



Western Blot analysis of 3T3 cells using TIMP-4 Polyclonal Antibody diluted at 1:800. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).