
TIMP-1 Rabbit pAb

Catalog Number: bs-43009R

Target Protein: TIMP-1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human

Predicted MW: 21 kDa

Entrez Gene: 7076

Swiss Prot: P01033

Source: Recombinant human TIMP-1 protein: 24-207/207.

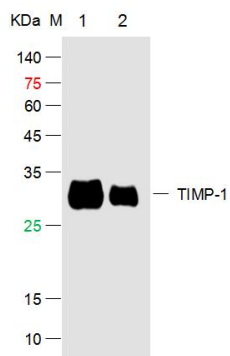
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

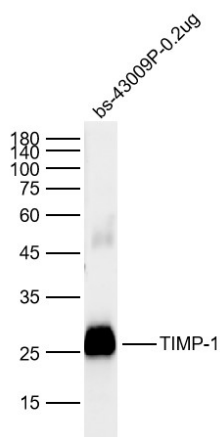
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene belongs to the TIMP gene family. The proteins encoded by this gene family are natural inhibitors of the matrix metalloproteinases (MMPs), a group of peptidases involved in degradation of the extracellular matrix. In addition to its inhibitory role against most of the known MMPs, the encoded protein is able to promote cell proliferation in a wide range of cell types, and may also have an anti-apoptotic function. Transcription of this gene is highly inducible in response to many cytokines and hormones. In addition, the expression from some but not all inactive X chromosomes suggests that this gene inactivation is polymorphic in human females. This gene is located within intron 6 of the synapsin I gene and is transcribed in the opposite direction. [provided by RefSeq].

VALIDATION IMAGES



Sample: Lane 1: Human TIMP-1 Protein at 500ng Lane 2: Human TIMP-1 Protein at 50ng Primary: Rabbit Anti-TIMP-1 Protein Antibody at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 24.4kD Observed band size: kD



Sample: Lane 1: Recombinant human TIMP-1 protein, His (HEK293) (bs-43009P) Primary: Anti-TIMP-1(bs-43009R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 21kDa Observed band size: 25kDa

PRODUCT SPECIFIC PUBLICATIONS

[IF=2.6] Fu Yuheng. et al. Study on the mechanism of action of Wu Mei Pill in inhibiting rheumatoid arthritis through TLR4-NF- κ B pathway. J ORTHOP SURG RES. 2024 Dec;19(1):1-12 WB ; Rat . 38218891