

Rabbit Anti-Rat Tissue Inhibitors of Metalloproteinase 1 (TIMP1) Polyclonal Antibody

Cat. No.: VD2N9

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for rat tissue inhibitors of metalloproteinase 1. It is affinity purified by protein A. It can be applied to WB, IHC, ICC and IP assays of rat tissue inhibitors of metalloproteinase 1.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	A12N56
Host	Rabbit
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat Tissue Inhibitors of Metalloproteinase 1
Isotype	IgG
Immunogen	Recombinant protein of rat tissue inhibitors of metalloproteinase 1
Purification	Protein A Purified
Concentration	1 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Proclin 300
Buffer	0.01M Phosphate Buffered Saline, pH 7.4, with 50% Glycerol
Physical State	Liquid

Target Information

Rat TIMP1 is a protein that inhibits the activity of matrix metalloproteinases (MMPs), preventing the degradation of extracellular matrix components. It forms tight complexes with MMPs, thereby regulating tissue remodeling and repair. TIMP1 is involved in proces

ses such as cell proliferation, apoptosis, and angiogenesis. It also plays a role in maintaining tissue integrity by controlling the balance between matrix degradation and synthesis.

Target	Rat Tissue Inhibitors of Metalloproteinase 1
Target Synonym	EPO; CLGI; EPA; HCI; Erythroid Potentiating Activity; Collagenase Inhibitor; Metalloproteinase inhibitor 1; Fibroblast collagenase inhibitor
Gene ID	116510
UniProt ID	P30120

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 2 years). Avoid repeated freezing and thawing as this may denature the antibody.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.