

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

Cat. No.: VD2N6

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

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

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	A12N53
Host	Rabbit
Target Species	Canine
Species Reactivity	Canine
Specificity	Canine Tissue Inhibitors of Metalloproteinase 1
Isotype	IgG
Immunogen	Recombinant protein of canine tissue inhibitors of metalloproteinase 1
Purification	Protein A Purified
Concentration	0.5 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

Canine Tissue Inhibitor of Metalloproteinase 1 (TIMP1) is a protein that regulates matrix metalloproteinases (MMPs), which are involved in extracellular matrix degradation and tissue remodeling. TIMP1 forms stable complexes with MMPs, inhibiting their proteolytic activity.

tic activity and maintaining tissue integrity. In dogs, this protein is expressed in various tissues and plays a role in processes such as wound healing, inflammation, and cancer progression. TIMP1 also supports cell proliferation and survival, contributing to overall tissue homeostasis.

Target	Canine Tissue Inhibitors of Metalloproteinase 1
Target Synonym	EPO; CLGI; EPA; HCI; Erythroid Potentiating Activity; Collagenase Inhibitor; Metalloproteinase inhibitor 1; Fibroblast collagenase inhibitor
Gene ID	403816
UniProt ID	P81546

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.