

Rabbit Anti-Rat Tissue Inhibitors of Metalloproteinase 2 (TIMP2) Polyclonal Antibody

Cat. No.: VD1N347

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 2. It is affinity purified by protein A. It can be applied to WB, IHC, ICC and IP assays of rat tissue inhibitors of metalloproteinase 2.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	A8N41
Host	Rabbit
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat Tissue Inhibitors of Metalloproteinase 2
Isotype	IgG
Immunogen	Recombinant protein of rat tissue inhibitors of metalloproteinase 2
Purification	Protein A Purified
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline, pH 7.4, with 50% Glycerol
Physical State	Liquid

Target Information

Rat Tissue Inhibitor of Metalloproteinase 2 (TIMP2) is a key regulator of matrix metalloproteinases (MMPs), which are involved in extracellular matrix degradation and tissue remodeling. It is expressed in various tissues and inhibits MMP activity by forming stable

complexes with the enzymes. TIMP2 also plays a role in cell proliferation and apoptosis. In rats, TIMP2 is involved in protecting against kidney diseases and is associated with conditions like renal fibrosis.

Target	Rat Tissue Inhibitors of Metalloproteinase 2
Target Synonym	CSC-21K; TIMP Metallopeptidase Inhibitor 2
Gene ID	29543
UniProt ID	P30121

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.