

Rabbit Anti-Rat Collagen Type I (COL1) Polyclonal Antibody

Cat. No.: VD3N33

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for rat collagen type I. It is purified by Protein A Purified . It can be applied to WB, IHC, ICC and IP assays of rat collagen type I.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	Y1N531
Host	Rabbit
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat Collagen Type I
Isotype	IgG
Immunogen	Native protein of rat collagen type I
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 Collagen Type I is the predominant fibrillar collagen in skin, tendon, bone, and vasculature. It forms strong, triple-helical fibers that provide tensile strength and structural integrity. This collagen subtype is synthesized by fibroblasts and osteoblasts, and its pres

ence is a key marker of extracellular matrix formation. As a critical scaffold for cell adhesion and tissue repair, rat Collagen Type I is an important target for studies of fibrosis, wound healing, and connective tissue biology.

Target	Rat Collagen Type I
Gene ID	29393
UniProt ID	P02454

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 12 months). 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.