

## Guinea Pig Anti-Rabbit Collagen Type I Alpha 2 (COL1a2) Polyclonal Antibody

**Cat. No.:** VD1N383

**Product Type:** Animal-targeted Antibodies

**Size:** 100 µL; 200 µL; 1 mL

### Product Overview

BioVenic guinea pig polyclonal antibody is specific for rabbit collagen type I alpha 2. It is affinity purified by protein A. It can be applied to WB, IHC, ICC and IP assays of rabbit collagen type I alpha 2.

### Specifications

|                             |                                                       |
|-----------------------------|-------------------------------------------------------|
| Application                 | WB; IHC; ICC; IP                                      |
| Clonality                   | Polyclonal                                            |
| Classification              | Primary Antibody                                      |
| Clone                       | A11N32                                                |
| Host                        | Guinea pig                                            |
| Target Species              | Rabbit                                                |
| Species Reactivity          | Rabbit                                                |
| Specificity                 | Rabbit Collagen Type I Alpha 2                        |
| Isotype                     | IgG                                                   |
| Immunogen                   | Recombinant protein of rabbit collagen type I alpha 2 |
| Purification                | Protein A Purified                                    |
| Concentration               | 0.29 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

Rabbit Collagen Type I Alpha 2 is a key component of type I collagen, which is the most abundant collagen in connective tissues. It forms a heterotrimer with two alpha 1 chains, providing structural support to tissues such as bone, skin, and tendon. COL1A2 is es

essential for maintaining tissue strength and elasticity. This protein is involved in the formation and maintenance of the extracellular matrix, contributing to overall tissue function and integrity.

|                |                                                                                                                         |
|----------------|-------------------------------------------------------------------------------------------------------------------------|
| Target         | Rabbit Collagen Type I Alpha 2                                                                                          |
| Target Synonym | COL1-A2; OI4; Collagen Alpha-2(I)chain; osteogenesis imperfecta type IV; Collagen of Skin Tendon and bone Alpha-2 Chain |
| Gene ID        | <a href="#">100008997</a>                                                                                               |
| UniProt ID     | <a href="#">Q28668</a>                                                                                                  |

## 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.