

Datasheet for ABIN7431332
anti-COL1A2 antibody (APC)



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1 Image

Overview

Quantity:	100 µL
Target:	COL1A2
Reactivity:	Rabbit
Host:	Guinea Pig
Clonality:	Polyclonal
Conjugate:	This COL1A2 antibody is conjugated to APC
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Collagen Type I Alpha 2 (COL1a2)
Immunogen:	Recombinant Collagen Type I Alpha 2 (COL1a2) corresponding to N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a cavia polyclonal antibody raised against COL1a2. It has been selected for its ability to recognize COL1a2 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	COL1A2
Alternative Name:	COL1a2 (COL1A2 Products)

Target Details

Background: COL1-A2, OI4, Collagen Alpha-2(I)chain, osteogenesis imperfecta type IV, Collagen Of Skin,Tendon And bone,Alpha-2 Chain

UniProt: [Q28668](#)

Application Details

Application Notes: Western blotting: 0.5-2 µg/mL,Immunohistochemistry: 5-20 µg/mL,Immunocytochemistry: 5-20 µg/mL,Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.29 mg/mL

Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

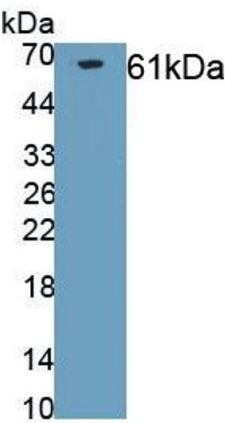
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Expiry Date: 24 months



Western Blotting

Image 1. Detection of Recombinant COL1a2, Rabbit using Polyclonal Antibody to Collagen Type I Alpha 2 (COL1a2)