

Datasheet for ABIN7442342
anti-COL1A2 antibody (AA 1109-1372)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	COL1A2
Binding Specificity:	AA 1109-1372
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL1A2 antibody is un-conjugated
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 Val1109~Lys1372 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against COL1a2. It has been selected for its ability to recognize COL1a2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

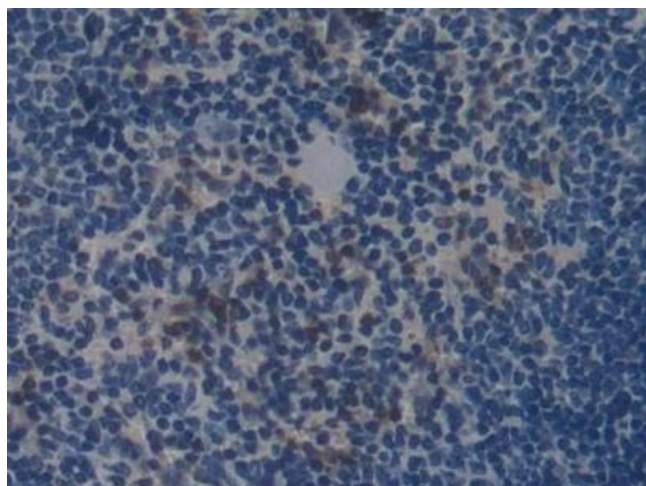
Target:	COL1A2
Alternative Name:	Collagen Type I Alpha 2 (COL1A2 Products)
Background:	COL1-A2, OI4, Collagen Alpha-2(I)chain, osteogenesis imperfecta type IV, Collagen Of Skin,Tendon And bone,Alpha-2 Chain

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

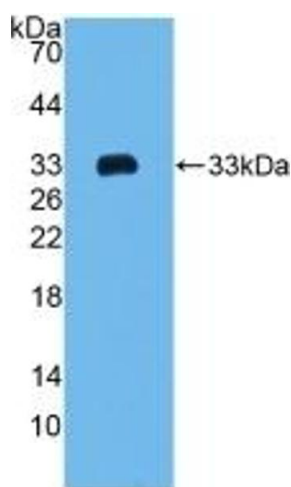
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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



Immunohistochemistry

Image 1. Detection of COL1a2 in Mouse Spleen Tissue using Polyclonal Antibody to Collagen Type I Alpha 2 (COL1a2)



Western Blotting

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