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anti-COL1A2 antibody (AA 1109-1372)

2 Images



Go to Product page

Overview

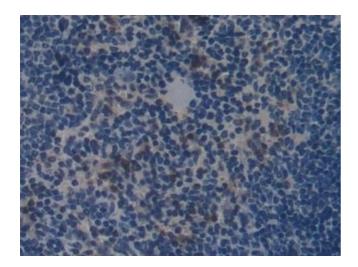
Quantity:	100 μL
Target:	COL1A2
Binding Specificity:	AA 1109-1372
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL1A2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Collagen Type I Alpha 2 (COL1a2)
Immunogen:	Recombinant Collagen Type I Alpha 2 (COL1a2) corresdonding 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

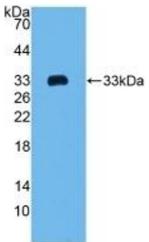
Target Details

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 a 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 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 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 detectable loss of activity. Avoid repeated freeze-thaw cycles.		
Background: COL1-A2, Ol4, Collagen Alpha-2(I)chain, osteogenesis imperfecta type IV, Collagen O 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 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 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 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 detectable loss of activity. Avoid repeated freeze-thaw cycles.	Target:	COL1A2
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Furning Dates OA respetts		detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date: 24 months	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)