

Datasheet for ABIN7442048  
**anti-COL4a2 antibody (AA 1487-1703)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	COL4a2 (COL4A2)
Binding Specificity:	AA 1487-1703
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL4a2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

## Product Details

Purpose:	Polyclonal Antibody to Collagen Type IV Alpha 2 (COL4a2)
Immunogen:	Recombinant Collagen Type IV Alpha 2 (COL4a2) corresponding to Ser1487~Ser1703 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against COL4a2. It has been selected for its ability to recognize COL4a2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

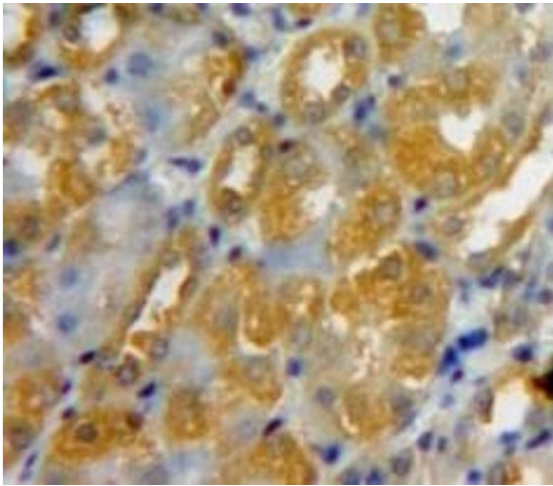
Target:	COL4a2 (COL4A2)
Alternative Name:	Collagen Type IV Alpha 2 ( <a href="#">COL4A2 Products</a> )
Background:	COL4-A2, Canstatin, Collagen Alpha-2(IV)chain

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:260-1000 Immunohistochemistry: 5-20 µg/mL 1:26-100 Immunocytochemistry: 5-20 µg/mL 1:26-100 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

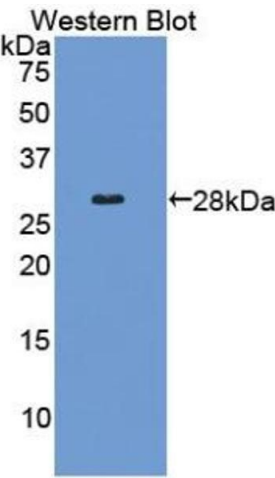
## Handling

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. #VALUE!



Western Blotting

Image 2. Detection of Recombinant COL4a2, Human using Polyclonal Antibody to Collagen Type IV Alpha 2 (COL4a2)