

Datasheet for ABIN7444712  
**anti-Col4a4 antibody (AA 1469-1690)**[Go to Product page](#)

## 1 Image

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | Col4a4 (Col4A4)   |
| Binding Specificity: | AA 1469-1690  |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This Col4a4 antibody is un-conjugated   |
| Application:         | Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

## Product Details

|               |  |
|---------------|--|
| Purpose:      | Polyclonal Antibody to Collagen Type IV Alpha 4 (COL4a4)   |
| Immunogen:    | Recombinant Collagen Type IV Alpha 4 (COL4a4) corresponding to Val1469~Ser1690 with N-terminal His Tag   |
| Isotype:      | IgG  |
| Specificity:  | The antibody is a rabbit polyclonal antibody raised against COL4a4. It has been selected for its ability to recognize COL4a4 in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography   |

## Target Details

|         |                 |
|---------|-----------------|
| Target: | Col4a4 (Col4A4) |
|---------|-----------------|

## Target Details

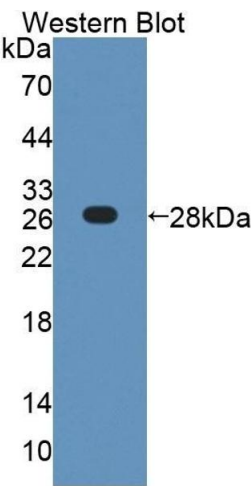
|                   |   |
|-------------------|---|
| Alternative Name: | Collagen Type IV Alpha 4 ( <a href="#">Col4A4 Products</a> )                          |
| Background:       | COL4-A4, CA44, Collagen Alpha-4(IV)chain, Collagen Of Basement Membrane,Alpha-4 Chain |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL<br>Immunohistochemistry: 5-20 µg/mL<br>Immunocytochemistry: 5-20 µg/mL<br>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:            | 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 COL4a4, Human using Polyclonal Antibody to Collagen Type IV Alpha 4 (COL4a4)