

Datasheet for ABIN5000281

**anti-COL4a2 antibody (AA 1651-1712) (AbBy Fluor® 680)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | COL4a2 (COL4A2)                                                                                                                |
| Binding Specificity: | AA 1651-1712                                                                                                                   |
| Reactivity:          | Human                                                                                                                          |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This COL4a2 antibody is conjugated to AbBy Fluor® 680                                                                          |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                                                |
|-----------------------|--------------------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Collagen alpha-2(IV) chain |
| Isotype:              | IgG                                                                            |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Rabbit                         |
| Purification:         | Purified by Protein A.                                                         |

## Target Details

|                   |                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------|
| Target:           | COL4a2 (COL4A2)                                                                             |
| Alternative Name: | CO4A2 ( <a href="#">COL4A2 Products</a> )                                                   |
| Background:       | Synonyms: Collagen alpha 2IV chain, Canstatin, COL4A 2, COL4A2, Collagen, type IV, alpha 2, |

## Target Details

CO4A2\_HUMAN.

Background: CO4A2 is one of the six subunits of type IV collagen, the major structural component of basement membranes. CO4A2 forms a 'chicken-wire' meshwork together with laminins, proteoglycans and entactin/nidogen and is an inhibitor of angiogenesis and tumor growth.

Gene ID: 1282

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months