

A7657

Leader in Biomolecular Solutions for Life Science



## COL4A2 Rabbit pAb

Catalog No.: A7657

3 Publications

### Basic Information

#### Observed MW

168kDa

#### Calculated MW

168kDa

#### Category

Polyclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

### Background

This gene encodes one of the six subunits of type IV collagen, the major structural component of basement membranes. The C-terminal portion of the protein, known as canstatin, is an inhibitor of angiogenesis and tumor growth. Like the other members of the type IV collagen gene family, this gene is organized in a head-to-head conformation with another type IV collagen gene so that each gene pair shares a common promoter.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

#### Gene ID

1284

#### Swiss Prot

P08572

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1486-1712 of human COL4A2 (NP\_001837.2).

#### Synonyms

ICH; BSVD2; POREN2; COL4A2

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

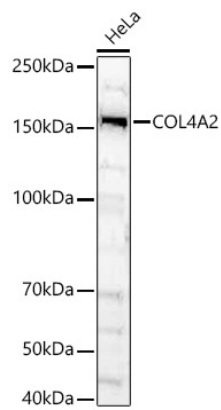
#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of HeLa, using COL4A2 Rabbit pAb (A7657) at 1:900 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.