

**Anti-Collagen IV Antibody**  
Catalog # AP53996**Specification**

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**Anti-Collagen IV Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P02462</a>
Other Accession	<a href="#">P08572</a> , <a href="#">P53420</a> , <a href="#">P29400</a> , <a href="#">Q14031</a>
Reactivity	<b>Human, Mouse</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>160611</b>

**Anti-Collagen IV Antibody - Additional Information****Gene ID** 1282**Other Names**

Collagen alpha-1(IV) chain

**Target/Specificity**

Recognizes endogenous levels of Collagen IV protein.

**Dilution**

WB~~1/500 - 1/1000

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-Collagen IV Antibody - Protein Information****Name** COL4A1 ([HGNC:2202](#))**Function**

Type IV collagen is the major structural component of glomerular basement membranes (GBM), forming a 'chicken-wire' meshwork together with laminins, proteoglycans and entactin/nidogen.

**Cellular Location**Secreted, extracellular space, extracellular matrix, basement membrane  
{ECO:0000250|UniProtKB:P02463}**Tissue Location**

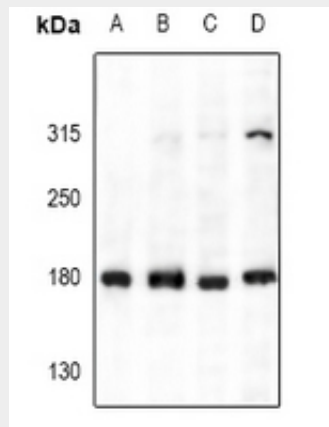
Highly expressed in placenta.

## Anti-Collagen IV Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-Collagen IV Antibody - Images



Western blot analysis of Collagen IV expression in HEK293T (A), Panc1 (B), MCF7 (C), PC3 (D) whole cell lysates.

## Anti-Collagen IV Antibody - Background

Rabbit polyclonal antibody to Collagen IV