

**Collagen 4 alpha 1 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51106**

## Specification

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### Collagen 4 alpha 1 Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	<a href="#">P02462</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	160 KDa

### Collagen 4 alpha 1 Antibody - Additional Information

**Gene ID** 1282

#### Other Names

Collagen alpha-1(IV) chain, Arresten, COL4A1

#### Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

#### Storage

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

### Collagen 4 alpha 1 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.

### Collagen 4 alpha 1 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](#)

### **Collagen 4 alpha 1 Antibody - Images**

### **Collagen 4 alpha 1 Antibody - Background**

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.

### **Collagen 4 alpha 1 Antibody - References**

Soininen R., et al. J. Biol. Chem. 264:13565-13571(1989).  
Dunham A., et al. Nature 428:522-528(2004).  
Brazel D., et al. Eur. J. Biochem. 168:529-536(1987).  
Soininen R., et al. J. Biol. Chem. 263:17217-17220(1988).  
Glanville R.W., et al. Eur. J. Biochem. 152:213-219(1985).