

**Collagen 18 alpha 1 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51100**

## Specification

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### Collagen 18 alpha 1 Antibody - Product Information

Application	WB, ICC, IHC-P, E
Primary Accession	<a href="#">P39060</a>
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	175 KDa

### Collagen 18 alpha 1 Antibody - Additional Information

**Gene ID** 80781

#### Other Names

Collagen alpha-1(XVIII) chain, Endostatin, COL18A1

#### 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 18 alpha 1 Antibody - Protein Information

**Name** COL18A1 ([HGNC:2195](#))

#### Function

Probably plays a major role in determining the retinal structure as well as in the closure of the neural tube.

#### Cellular Location

Secreted, extracellular space, extracellular matrix. Secreted, extracellular space, extracellular matrix, basement membrane {ECO:0000250|UniProtKB:P39061} [Endostatin]: Secreted. Secreted, extracellular space, extracellular matrix, basement membrane

#### Tissue Location

Detected in placenta (at protein level) (PubMed:32337544). Present in multiple organs with highest levels in liver, lung and kidney.

### Collagen 18 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 18 alpha 1 Antibody - Images**

### **Collagen 18 alpha 1 Antibody - Background**

COLA18A probably plays a major role in determining the retinal structure as well as in the closure of the neural tube.

### **Collagen 18 alpha 1 Antibody - References**

Saarela J., et al. Matrix Biol. 16:319-328(1998).  
Elamaa H., et al. Matrix Biol. 22:427-442(2003).  
Hattori M., et al. Nature 405:311-319(2000).  
Oh S.P., et al. Genomics 19:494-499(1994).  
Feng Y., et al. Sheng Wu Gong Cheng Xue Bao 17:278-282(2001).