

# Collagen 18 alpha 1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51100

## Product Information

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<b>Application</b>	WB, ICC, IHC-P
<b>Primary Accession</b>	<a href="#">P39060</a>
<b>Reactivity</b>	Human, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	178188

## Additional Information

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<b>Gene ID</b>	80781
<b>Other Names</b>	Collagen alpha-1(XVIII) chain, Endostatin, COL18A1
<b>Dilution</b>	WB~~1:1000 ICC~~N/A IHC-P~~N/A
<b>Format</b>	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	COL18A1 ( <a href="#">HGNC:2195</a> )
<b>Function</b>	Probably plays a major role in determining the retinal structure as well as in the closure of the neural tube.
<b>Cellular Location</b>	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
<b>Tissue Location</b>	Detected in placenta (at protein level) (PubMed:32337544). Present in multiple organs with highest levels in liver, lung and kidney.

## Background

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

## References

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- 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).  
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