10320 Camino Santa Fe, Suite G
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Collagen 18 alpha 1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51100

Specification

Collagen 18 alpha 1 Antibody - Product Information

Application	**WB, ICC, IHC-P, E**
Primary Accession	P39060
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

Dilution
WB~~1:1000
ICC~~N/A
IHC-P~~N/A
E~~N/A

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.

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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 Cytomety
- 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).