

Collagen 18 alpha 1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51100

Product Information

Application	WB, ICC, IHC-P
Primary Accession	P39060
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	178188

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
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

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.

Background

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

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.