

Collagen 4 alpha 1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51106

Product Information

Application	WB, IHC-P
Primary Accession	P02462
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	160611

Additional Information

Gene ID	1282
Other Names	Collagen alpha-1(IV) chain, Arresten, COL4A1
Dilution	WB~~1:1000 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	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.

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.

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).

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