

Collagen 4 alpha 1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51106**Specification**

Collagen 4 alpha 1 Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	P02462
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	160 KDa

Collagen 4 alpha 1 Antibody - Additional Information**Gene ID** 1282**Other Names**

Collagen alpha-1(IV) chain, Arresten, COL4A1

Dilution

WB~~1:1000

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 4 alpha 1 Antibody - 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 LocationSecreted, extracellular space, extracellular matrix, basement membrane
{ECO:0000250|UniProtKB:P02463}**Tissue Location**

Highly expressed in placenta.

Collagen 4 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 4 alpha 1 Antibody - Images

Collagen 4 alpha 1 Antibody - 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.

Collagen 4 alpha 1 Antibody - 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).