

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

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 Location

Secreted, 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).