

COL4A1 Polyclonal Antibody
Catalog # AP69207**Specification**

COL4A1 Polyclonal Antibody - Product Information

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

COL4A1 Polyclonal Antibody - Additional Information**Gene ID** 1282**Other Names**

COL4A1; Collagen alpha-1(IV) chain

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

COL4A1 Polyclonal 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**

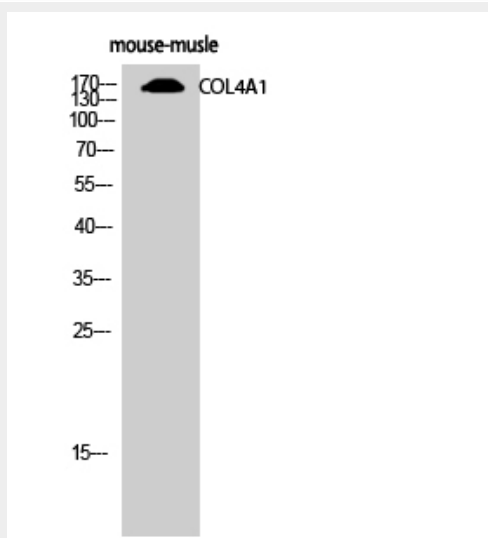
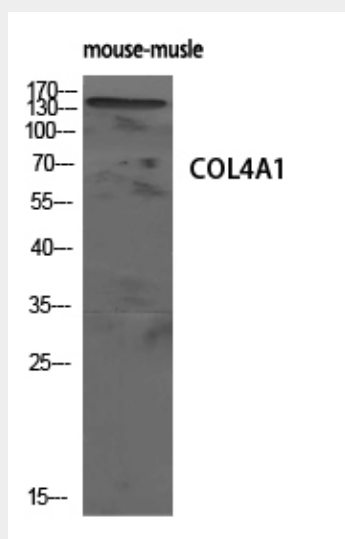
Highly expressed in placenta.

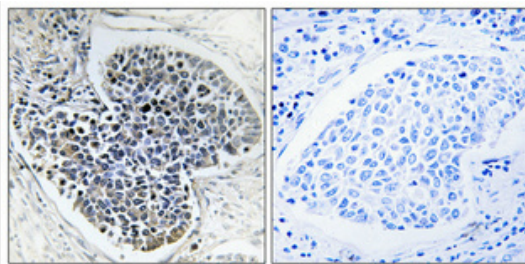
COL4A1 Polyclonal Antibody - Protocols

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](#)

COL4A1 Polyclonal Antibody - Images



**COL4A1 Polyclonal 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.