

Anti-Collagen IV Antibody
Catalog # AP53996**Specification**

Anti-Collagen IV Antibody - Product Information

Application	WB
Primary Accession	P02462
Other Accession	P08572 , P53420 , P29400 , Q14031
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	160611

Anti-Collagen IV Antibody - Additional Information**Gene ID** 1282**Other Names**

Collagen alpha-1(IV) chain

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Collagen 4. The exact sequence is proprietary.

Dilution

WB~~1/500 - 1/1000

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-Collagen IV 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

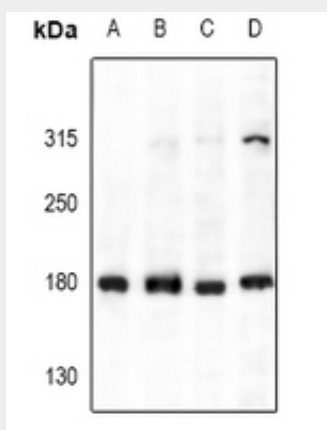
Highly expressed in placenta.

Anti-Collagen IV 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](#)

Anti-Collagen IV Antibody - Images



Western blot analysis of Collagen IV expression in HEK293T (A), Panc1 (B), MCF7 (C), PC3 (D) whole cell lysates.

Anti-Collagen IV Antibody - Background

Rabbit polyclonal antibody to Collagen IV