

Anti-Collagen IV Antibody

Catalog # AP53996

Product Information

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

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

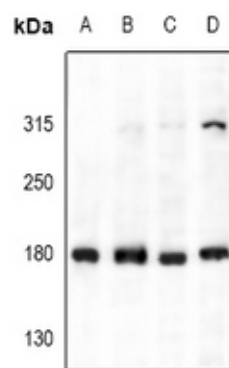
Protein Information

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

Rabbit polyclonal antibody to Collagen IV

Images



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

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