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Collagen IV Rabbit pAb

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Catalog # AP94834

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	P02463
Reactivity	Rat, Human, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	160679

Additional Information

Gene ID	12826
Other Names	Collagen alpha-1(IV) chain, Arresten, Col4a1 {ECO:0000312|MGI:MGI:88454}
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,Flow-Cyt=1 g/Test,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

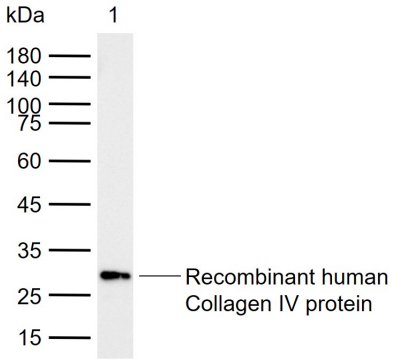
Protein Information

Name	Col4a1 {ECO:0000312|MGI:MGI:88454}
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
Tissue Location	Detected in the basement membrane of the cornea (at protein level).

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Images



Sample: Lane 1: Recombinant human Collagen IV protein, N-His(AP94834) Primary: Anti-Collagen IV (AP94834) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 165 kDa Observed band size: 28 kDa

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