

COL4A5 Recombinant antibody

Cat:B32148R

Company: Haokebio

Uniprot ID:P29400

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Type IV collagen is the main structural component of the glomerular basement membrane (GBM). Together with laminin, proteoglycans, and nidogen, it forms a "hexagonal network". Deletions in the N-terminal regions of COL4A5 and COL4A6 have been identified in Xq22.3 chromosome centromeric deletion syndrome, and these deletions are localized in a head-to-tail arrangement. This results in a phenotype characterized by diffuse leiomyomatosis and Alport syndrome (DL-ATS).

Protein full name:

Collagen Type IV Alpha 5 Chain Gene

Synonyms:

Collagen Type IV Alpha 5 Chain Gene

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

basement membrane of cells

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

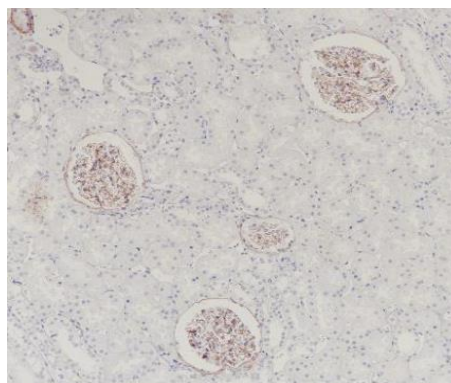
PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:


Sample: Human kidney tissue, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:COL4A5(B32148R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.