COL4A3 Recombinant antibody

Cat:B32166R **Company：** Haokebio

Uniprot ID:Q01955

Organism: Rabbit

Species reactivity: Human

Applications: IHC:1:100-1:200

IHC-Polymer:1:400-1:800

TSA:1:500-1:1000

Background:

Alport syndrome is a hereditary kidney disease, mainly characterized by hematuria, proteinuria, progressive renal function decline, sensorineural hearing loss, and ocular abnormalities. Mutations in X-linked Alport syndrome primarily occur in the gene encoding the α5 chain of type IV collagen (COL4A5). Mutations in autosomal recessive Alport syndrome occur in the genes encoding the α3 or α4 chains of type IV collagen (COL4A3/COL4A4). COL4A3 is mainly expressed in the basement membrane of podocytes in the glomerular Bowman's capsule.

Protein full name:

Collagen Type IV Alpha 3 Chain Gene

Synonyms:

COL4A3

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

basement membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

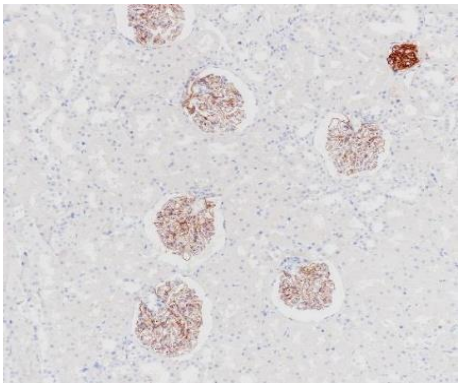
Storage:

Store at -20 ℃ 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℃ 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:

发表[中文论文]请标注:COL4A3(B32166R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:COL4A3(B32166R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.