

Basic Information

Product Name	Anti-COL4A1 Antibody
Gene Name	COL4A1
Source	Rabbit
Isotype	IgG
Species Reactivity	human
Tested Application	IHC
Contents	500 ug/ml antibody with PBS , 0.02% Na ₂ S ₂ O ₃ , 1 mg BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Collagen IV(1654-1669aa ELRTHVSRQVCMRRT), identical to the related rat and mouse sequence.
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Dilution Ratios	Immunohistochemistry in paraffin section IHC(P): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

Collagen alpha-1(IV) chain is a protein that in humans is encoded by the COL4A1 gene. 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. Like the other members of the type IV collagen gene family, this gene is organized in a head-to-head conformation with another type IV collagen gene so that each gene pair shares a common promoter. Mutations in COL4A1 exons 24 and 25 are associated with HANAC (autosomal dominant hereditary angiopathy with nephropathy, aneurysms, and muscle cramps).

Reference

Anti-COL4A1 Antibody 被引用在5文献中。

Product datasheet

Anti-COL4A1 Antibody

Catalog Number: **BA2174**

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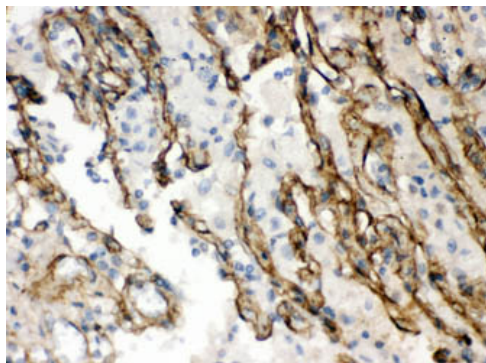
antibody and ELISA experts

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Selected Validation Data



COL4A1(BA2174)人肺癌标本, 石蜡切片, SABC法, DAB显色.