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Collagen IV (YD20861) Rabbit mAb

货号: **AYD12764**

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC
推荐浓度	
理论分子量	161kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-87 MG
细胞定位	Secreted, extracellular space, extracellular matrix, basement membrane
纯化	亲和纯化

抗原信息

抗原信息	
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靶点信息

研究背景	<p>This gene encodes a type IV collagen alpha protein. Type IV collagen proteins are integral components of basement membranes. This gene shares a bidirectional promoter with a paralogous gene on the opposite strand. The protein consists of an amino-terminal 7S domain, a triple-helix forming collagenous domain, and a carboxy-terminal non-collagenous domain. It functions as part of a heterotrimer and interacts with other extracellular matrix components such as perlecan, proteoglycans, and laminins. In addition, proteolytic cleavage of the non-collagenous carboxy-terminal domain results in a biologically active fragment known as arresten, which has anti-angiogenic and tumor suppressor properties. Mutations in this gene cause porencephaly, cerebrovascular disease, and renal and muscular defects. Alternative splicing results in multiple transcript variants.</p>
基因ID	1282
基因名	COL4A1
Swiss	P02462 (https://www.uniprot.org/uniprotkb/P02462/entry)
别名	Collagen IV (YD20861), Collagen IV (YD20861) Rabbit mAb, COL4A1

产品验证

实验步骤

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