

— ABLYBIO, Help Your Research



# Collagen IV Antibody

货号: **AYP4950**

## 产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC ELISA
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200
理论分子量	127kDa/160kDa
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,basement membrane,extracellular matrix,extracellular space
纯化	Affinity purification

## 抗原信息

抗原信息	Synthesized peptide derived from Human Collagen IV.
------	---

## 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 ( <a href="https://www.uniprot.org/uniprotkb/P02462/entry">https://www.uniprot.org/uniprotkb/P02462/entry</a> )
别名	COL4A1,BSVD,RATOR,Collagen IV,Collagen IV Antibody

## 产品验证

## 实验步骤

访问官网浏览详情: [www.ablybio.cn](http://www.ablybio.cn) (<https://www.ablybio.cn/>[www.ablybio.cn](http://www.ablybio.cn))