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# NG2 (YD35404) Rabbit mAb

货号: **AYD16149**

## 产品信息

反应	Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	IHC-P ICC/IF FC
推荐浓度	
理论分子量	252kDa/252kDa
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	
细胞定位	Cell membrane, Apical cell membrane, Cell projection, lamellipodium membrane, Cell surface
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>Proteoglycan playing a role in cell proliferation and migration which stimulates endothelial cells motility during microvascular morphogenesis. May also inhibit neurite outgrowth and growth cone collapse during axon regeneration. Cell surface receptor for collagen alpha 2(VI) which may confer cells ability to migrate on that substrate. Binds through its extracellular N-terminus growth factors, extracellular matrix proteases modulating their activity. May regulate MMP16-dependent degradation and invasion of type I collagen participating in melanoma cells invasion properties. May modulate the plasminogen system by enhancing plasminogen activation and inhibiting angiostatin. Also functions as a signal transducing protein by binding through its cytoplasmic C-terminus scaffolding and signaling proteins. May promote retraction fiber formation and cell polarization through Rho GTPase activation. May stimulate alpha-4, beta-1 integrin-mediated adhesion and spreading by recruiting and activating a signaling cascade through CDC42, ACK1 and BCAR1. May activate FAK and ERK1/ERK2 signaling cascades</p> <p>Proteoglycan playing a role in cell proliferation and migration which stimulates endothelial cells motility during microvascular morphogenesis. May also inhibit neurite outgrowth and growth cone collapse during axon regeneration. Cell surface receptor for collagen alpha 2(VI) which may confer cells ability to migrate on that substrate. Binds through its extracellular N-terminus growth factors, extracellular matrix proteases modulating their activity. May regulate MMP16-dependent degradation and invasion of type I collagen participating in melanoma cells invasion properties. May modulate the plasminogen system by enhancing plasminogen activation and inhibiting angiostatin. Also functions as a signal transducing protein by binding through its cytoplasmic C-terminus scaffolding and signaling proteins. May promote retraction fiber formation and cell polarization through Rho GTPase activation. May stimulate alpha-4, beta-1 integrin-mediated adhesion and spreading by recruiting and activating a signaling cascade through CDC42, ACK1 and BCAR1. May activate FAK and ERK1/ERK2 signaling cascades</p>
基因ID	3134
基因名	Cspg4
Swiss	Q8VHY0 ( <a href="https://www.uniprot.org/uniprotkb/Q8VHY0/entry">https://www.uniprot.org/uniprotkb/Q8VHY0/entry</a> ), Q00657 ( <a href="https://www.uniprot.org/uniprotkb/Q00657/entry">https://www.uniprot.org/uniprotkb/Q00657/entry</a> )
别名	NG2 (YD35404),NG2 (YD35404) Rabbit mAb,Cspg4,Chondroitin sulfate proteoglycan NG2,Proteoglycan AN2,HSN tumor-specific antigen,An2,Kiaa4232,Ng2

## 产品验证

## 实验步骤

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