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LAMB2 Rabbit pAb

货号: **AYP15630**

产品信息

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| 反应 | Human,Mouse |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | |
| 应用 | WB IF/ICC |
| 推荐浓度 | WB: 1:1000 - 1:2000 IF/ICC: 1:50 - 1:200 |
| 理论分子量 | 195kDa |
| 实测分子量 | 196kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | LO2 |
| 细胞定位 | Secreted,basement membrane,extracellular matrix,extracellular space |
| 纯化 | Affinity purification |

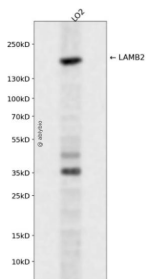
抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 1579-1798 of human LAMB2 (NP_002283.3). |
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靶点信息

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| 研究背景 | Laminins, a family of extracellular matrix glycoproteins, are the major noncollagenous constituent of basement membranes. They have been implicated in a wide variety of biological processes including cell adhesion, differentiation, migration, signaling, neurite outgrowth and metastasis. Laminins, composed of 3 non identical chains: laminin alpha, beta and gamma . Some of the chains have been shown to differ with respect to their tissue distribution, presumably reflecting diverse functions in vivo. This gene encodes the beta chain isoform laminin, beta 2. The beta 2 chain contains the 7 structural domains typical of beta chains of laminin, including the short alpha region. However, unlike beta 1 chain, beta 2 has a more restricted tissue distribution. It is enriched in the basement membrane of muscles at the neuromuscular junctions, kidney glomerulus and vascular smooth muscle. Transgenic mice in which the beta 2 chain gene was inactivated by homologous recombination, showed defects in the maturation of neuromuscular junctions and impairment of glomerular filtration. Alternative splicing involving a non consensus 5' splice site (gc) in the 5' UTR of this gene has been reported. It was suggested that inefficient splicing of this first intron, which does not change the protein sequence, results in a greater abundance of the unspliced form of the transcript than the spliced form. |
| 基因ID | 3913 |
| 基因名 | LAMB2 |
| Swiss | P55268 (https://www.uniprot.org/uniprotkb/P55268/entry) |
| 别名 | LAMB2,LAMS,NPHS5,LAMB2 Rabbit pAb,Laminin B1s chain,Laminin-11 subunit beta,Laminin-14 subunit beta,Laminin-15 subunit beta,Laminin-3 subunit beta,Laminin-4 subunit beta,Laminin-7 subunit beta,Laminin-9 subunit beta,S-laminin subunit beta |

产品验证



Western blot analysis of LAMB2 expressed in LO2 using LAMB2 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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