

## 兔抗 LAMB2 多克隆抗体

中文名称: 兔抗 LAMB2 多克隆抗体

英文名称: Anti-LAMB2 rabbit polyclonal antibody

别名: LAMS; NPHS5

抗原: LAMB2

储存: 冷冻 (-20℃) 避光

宿主: Rabbit

反应种属: Human Mouse Rat

相关类别: 一抗

标记物: Unconjugate

克隆类型: Unconjugate

### 技术规格

#### Background:

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 (formerly A, B1, and B2, respectively), form a cruciform structure consisting of 3 short arms, each formed by a different chain, and a long arm composed of all 3 chains. Each laminin chain is a multidomain protein encoded by a distinct gene. Several isoforms of each chain have been described. Different alpha, beta and gamma chain isomers combine to give rise to different heterotrimers.

	<p>eric laminin isoforms which are designated by Arabic numerals in the order of their discovery, i.e. alpha1beta1gamma1 heterotrimer is laminin 1. The biological functions of the different chains and trimer molecules are largely unknown, but 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. The full-length nature of the spliced transcript is not known.</p>
<b>Applications:</b>	WB
<b>Name of antibody:</b>	LAMB2
<b>Immunogen:</b>	Synthesized peptide derived from internal of human LAMB2.
<b>Full name:</b>	laminin, beta 2 (laminin 5)
<b>Synonyms :</b>	LAMS; NPHS5
<b>SwissProt:</b>	P55268
<b>WB Predicted band size:</b>	196 kDa
<b>WB Positive control:</b>	RAW264.7 cells lysate
<b>WB Recommended dilution:</b>	500-3000

