

兔抗 LAMC3 多克隆抗体

- 中文名称：兔抗 LAMC3 多克隆抗体
- 英文名称：Anti-LAMC3 rabbit polyclonal antibody
- 别名：OCCM
- 抗原：LAMC3
- 储存：冷冻（-20℃）避光
- 宿主：Rabbit
- 反应种属：Human Mouse
- 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 are composed of 3 non identical chains: laminin alpha, beta and gamma (formerly A, B1, and B2, respectively) and they 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 heterotrimeric laminin isoforms which are designated

	<p>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 gamma chain isoform laminin, gamma 3. The gamma 3 chain is most similar to the gamma 1 chain, and contains all the 6 domains expected of the gamma chain. It is a component of laminin 12. The gamma 3 chain is broadly expressed in skin, heart, lung, and the reproductive tracts. In skin, it is seen within the basement membrane of the dermal-epidermal junction at points of nerve penetration. Gamma 3 is also a prominent element of the apical surface of ciliated epithelial cells of lung, oviduct, epididymis, ductus deferens, and seminiferous tubules. The distribution of gamma 3-containing laminins along ciliated epithelial surfaces suggests that the apical laminins are important in the morphogenesis and structural stability of the ciliated processes of these cells.</p>
Applications:	WB, IHC, IF
Name of antibody:	LAMC3
Immunogen:	Synthesized peptide derived from internal of human LAMC3.
Full name:	laminin, gamma 3
Synonyms :	OCCM
SwissProt:	Q9Y6N6
IHC positive control:	Human brain tissue
IHC Recommend dilution:	50-100
WB Predicted band size:	171 kDa
WB Positive control:	K562 cells and NIH/3T3 cells lysates
WB Recommended dilution:	500-3000
IF positive control:	LOVO cells
IF Recommend dilution:	100-500



