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LAMC2 Rabbit pAb

货号: **AYP11651**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	IHC: unknown WB: Homo sapiens , Chlorocebus sabaeus
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IF/ICC: 1:50 - 1:100
理论分子量	121kDa/130kDa
实测分子量	131kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Rat lung
细胞定位	Secreted,basement membrane,extracellular matrix,extracellular space
纯化	Affinity purification

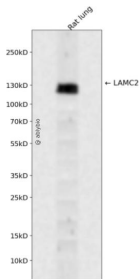
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 613-800 of human LAMC2 (NP_005553.2).
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靶点信息

研究背景	This gene encodes the gamma chain isoform laminin, gamma 2. The gamma 2 chain, formerly thought to be a truncated version of beta chain (B2t), is highly homologous to the gamma 1 chain; however, it lacks domain VI, and domains V, IV and III are shorter. It is expressed in several fetal tissues but differently from gamma 1, and is specifically localized to epithelial cells in skin, lung and kidney. The gamma 2 chain together with alpha 3 and beta 3 chains constitute laminin 5 (earlier known as kalinin), which is an integral part of the anchoring filaments that connect epithelial cells to the underlying basement membrane. The epithelium-specific expression of the gamma 2 chain implied its role as an epithelium attachment molecule, and mutations in this gene have been associated with junctional epidermolysis bullosa, a skin disease characterized by blisters due to disruption of the epidermal-dermal junction. Two transcript variants resulting from alternative splicing of the 3' terminal exon, and encoding different isoforms of gamma 2 chain, have been described. The two variants are differentially expressed in embryonic tissues, however, the biological significance of the two forms is not known. Transcript variants utilizing alternative polyA_signal have also been noted in literature.
基因ID	3918
基因名	LAMC2
Swiss	Q13753 (https://www.uniprot.org/uniprotkb/Q13753/entry)
别名	LAMC2,B2T,BM600,CSF,EBR2,EBR2A,LAMB2T,LAMNB2,LAMC2 Rabbit pAb,Cell-scattering factor 140 kDa subunit,Epiligrin subunit gamma,Kalinin subunit gamma,Kalinin/nicein/epiligrin 100 kDa subunit,Ladsin 140 kDa subunit,Laminin B2t chain,Laminin-5 subunit gamma

产品验证



Western blot analysis of LAMC2 expressed in Rat lung using LAMC2 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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