

产品名称: Laminin α -1 Rabbit Polyclonal Antibody
产品货号: APRab13196



产品概述 (Summary)

产品名称 (Production Name)	Laminin α -1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	LAMA1
别名 (Alternative Names)	LAMA1; LAMA; Laminin subunit alpha-1; Laminin A chain; Laminin-1 subunit alpha; Laminin-3 subunit alpha; S-laminin subunit alpha; S-LAM alpha
基因 ID (Gene ID)	284217.0
蛋白 ID (SwissProt ID)	P25391.The antiserum was produced against synthesized peptide derived from human LAMA1. AA range:2501-2550

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
蛋白分子量 (Molecular Weight)	

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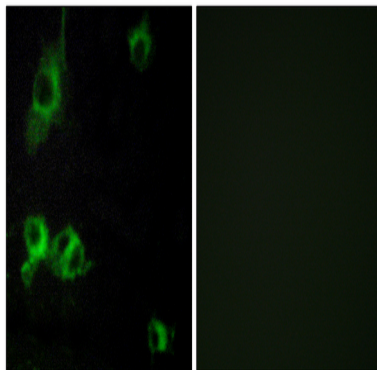
研究背景 (Background)

This gene encodes one of the alpha 1 subunits of laminin. The laminins are a family of extracellular matrix glycoproteins that have a heterotrimeric structure consisting of an alpha, beta and gamma chain. These proteins make up a major component of the basement membrane and have been implicated in a wide variety of biological processes including cell adhesion, differentiation, migration, signaling, neurite outgrowth and metastasis. Mutations in this gene may be associated with Poretti-Boltshauser syndrome. [provided by RefSeq, Sep 2014], domain: Domains VI, IV and G are globular., domain: The alpha-helical domains I and II are thought to interact with other laminin chains to form a coiled coil structure., function: Binding to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components., similarity: Contains 1 laminin N-terminal domain., similarity: Contains 17 laminin EGF-like domains., similarity: Contains 2 laminin IV type A domains., similarity: Contains 5 laminin G-like domains., subcellular location: Major component., subunit: Laminin is a complex glycoprotein, consisting of three different polypeptide chains (alpha, beta, gamma), which are bound to each other by disulfide bonds into a cross-shaped molecule comprising one long and three short arms with globules at each end. Alpha-1 is a subunit of laminin-1 (EHS laminin) and laminin-3 (S-laminin),

研究领域 (Research Area)

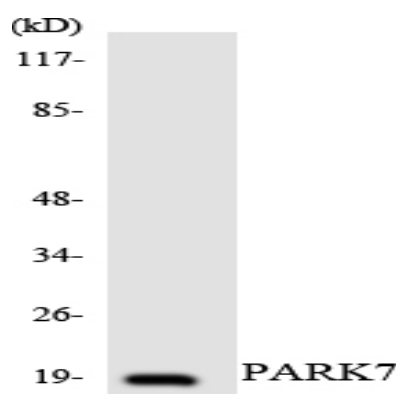
Focal adhesion; ECM-receptor interaction; Pathways in cancer; Small cell lung cancer;

图片 (Image Data)



Immunofluorescence analysis of COS7 cells, using LAMA1 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from HUVECcells using PARK7 antibody.

注意事项 (Note)

For research use only .