

产品名称: JAM-A Rabbit Polyclonal Antibody
产品货号: AP Rab12826



产品概述 (Summary)

产品名称 (Production Name)	JAM-A Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat

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)	F11R F11R; JAM1; JCAM; Junctional adhesion molecule A; JAM-A; Junctional adhesion molecule 1; JAM-1; Platelet F11 receptor; Platelet adhesion molecule 1; PAM-1; CD321
别名 (Alternative Names)	
基因 ID (Gene ID)	50848.0
蛋白 ID (SwissProt ID)	Q9Y624.The antiserum was produced against synthesized peptide derived from the Internal region of human F11R. AA range:191-240

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	32kDa

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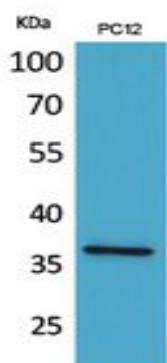
研究背景 (Background)

Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. The protein encoded by this immunoglobulin superfamily gene member is an important regulator of tight junction assembly in epithelia. In addition, the encoded protein can act as (1) a receptor for reovirus, (2) a ligand for the integrin LFA1, involved in leukocyte transmigration, and (3) a platelet receptor. Multiple alternatively spliced variants, encoding the same protein, have been identified but their biological validity has not been established. [provided by RefSeq, Jul 2008],function:Seems to play a role in epithelial tight junction formation. Appears early in primordial forms of cell junctions and recruits PARD3. The association of the PARD6-PARD3 complex may prevent the interaction of PARD3 with JAM1, thereby preventing tight junction assembly (By similarity). Plays a role in regulating monocyte transmigration involved in integrity of epithelial barrier. Involved in platelet activation. In case of orthoreovirus infection, serves as receptor for the virus.,PTM:N-glycosylated.,similarity:Belongs to the immunoglobulin superfamily.,similarity:Contains 2 Ig-like V-type (immunoglobulin-like) domains.,subcellular location:Localized at tight junctions of both epithelial and endothelial cells.,subunit:Interacts with the ninth PDZ domain of MPDZ. Interacts with the first PDZ domain of PARD3. The association between PARD3 and PARD6B probably disrupts this interaction. Interacts with the orthoreovirus sigma-1 capsid protein.,

研究领域 (Research Area)

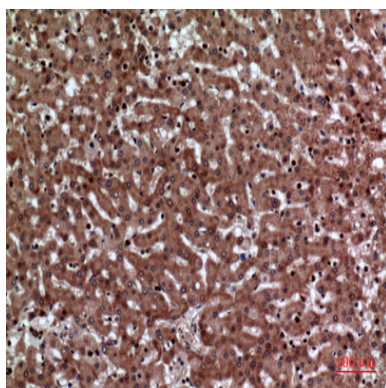
Cell adhesion molecules (CAMs);Tight junction;Leukocyte transendothelial migration;Epithelial cell signaling in Helicobacter pylori infection;

图片 (Image Data)

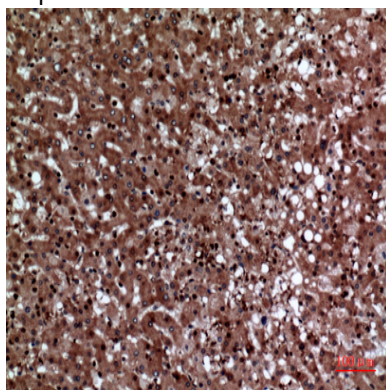


Western Blot analysis of PC12 cells using JAM-A Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

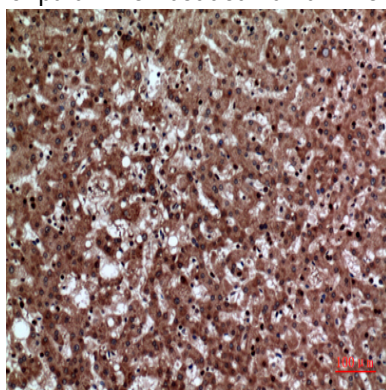
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Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100

注意事项 (Note)

For research use only .