

产品名称: PKN1 Rabbit Monoclonal Antibody
产品货号: AMRe02452



产品概述 (Summary)

产品名称 (Production Name)	PKN1 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB
种属反应性 (Reactivity)	Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
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)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PKN1
别名 (Alternative Names)	DBK; PKN; PAK1; PRK1; PAK-1; PRKCL1; PKN-ALPHA
基因 ID (Gene ID)	5585
蛋白 ID (SwissProt ID)	Q16512.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000
蛋白分子量 (Molecular Weight)	Calculated MW: 104 kDa; Observed MW: 120 kDa

研究背景 (Background)

The protein encoded by this gene belongs to the protein kinase C superfamily. This kinase is activated by Rho family of

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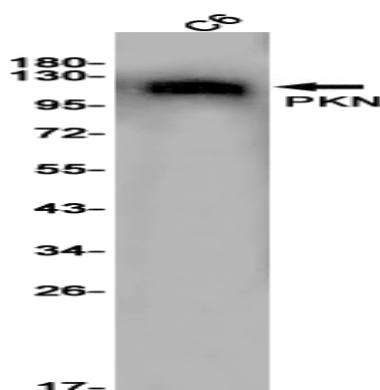


small G proteins and may mediate the Rho-dependent signaling pathway. This kinase can be activated by phospholipids and by limited proteolysis. The 3-phosphoinositide dependent protein kinase-1 (PDPK1/PDK1) is reported to phosphorylate this kinase, which may mediate insulin signals to the actin cytoskeleton. The proteolytic activation of this kinase by caspase-3 or related proteases during apoptosis suggests its role in signal transduction related to apoptosis. Alternatively spliced transcript variants encoding distinct isoforms have been observed.

研究领域 (Research Area)

Signal Transduction

图片 (Image Data)



Western blot analysis of PKN in C6 lysates using PKN1 antibody.

注意事项 (Note)

For research use only .