

PKN1 Rabbit pAb

货号: **AYP20298**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:1000
理论分子量	104kDa
实测分子量	120kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-251MG,A-549,293T,HeLa,HepG2,HT-1080,Mouse kidney,Mouse spleen
细胞定位	Cell membrane,Cleavage furrow,Cytoplasm,Endosome,Midbody,Nucleus,Peripheral membrane protein
纯化	Affinity purification

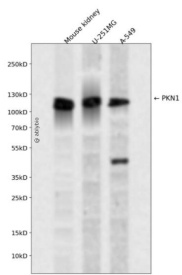
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human PKN1 (NP_002732.3).
序列	MASDAVQSEPRSWSLLEQLGLAGADLAAPGVQQQLELERERLRREIRKELKLKEGAENLRRATTDLGRSLGPVELLLRGSS RRDLLHQQLQELHAHVLPDPAATHDGPQSPGAGGPTCSATNLSRVAGLEKQLAIELKVKQGAENMIQTYSNGSTKDR KLLLTAAQQLQDSKTKIDIIRMQLRRALQAGQLENQAAPDDTQGSPDLGAVELRIEELRHHFRVEHAVAEGAKNVLRLLSA AKAPDRKAVSEAQEKLTESNQKLGILLREALERRLGELPADHPKGRLLREELAAASSAAF

靶点信息

研究背景	The protein encoded by this gene belongs to the protein kinase C superfamily. This kinase is activated by Rho family of 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.
基因ID	5585
基因名	PKN1
Swiss	Q16512
别名	PKN1;DBK;PAK-1;PAK1;PKN;PKN-ALPHA;PRK1;PRKCL1

产品验证



Western blot analysis of PKN1 expressed in Mouse kidney,U-251MG,A-549 using PKN1 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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