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PKN2 Rabbit mAb

货号: **AYM30368**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IF/ICC: 1:50 - 1:200
理论分子量	112kDa
实测分子量	140kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,NIH/3T3,Jurkat,C6
细胞定位	apical junction complex,centrosome,cytoplasm,cytosol,intermediate filament cytoskeleton,nuclear body,nucleoplasm,nucleus,perinuclear region of cytoplasm,plasma membrane
纯化	Affinity purification

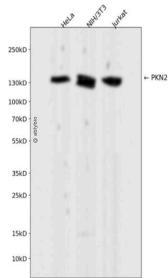
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human PKN2.
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靶点信息

研究背景	PKC-related serine/threonine-protein kinase and Rho/Rac effector protein that participates in specific signal transduction responses in the cell. Plays a role in the regulation of cell cycle progression, actin cytoskeleton assembly, cell migration, cell adhesion, tumor cell invasion and transcription activation signaling processes. Phosphorylates CTTN in hyaluronan-induced astrocytes and hence decreases CTTN ability to associate with filamentous actin. Phosphorylates HDAC5, therefore lead to impair HDAC5 import. Direct RhoA target required for the regulation of the maturation of primordial junctions into apical junction formation in bronchial epithelial cells. Required for G2/M phases of the cell cycle progression and abscission during cytokinesis in a ECT2-dependent manner. Stimulates FYN kinase activity that is required for establishment of skin cell-cell adhesion during keratinocytes differentiation. Regulates epithelial bladder cells speed and direction of movement during cell migration and tumor cell invasion. Inhibits Akt pro-survival-induced kinase activity. Mediates Rho protein-induced transcriptional activation via the c-fos serum response factor (SRF. Involved in the negative regulation of ciliogenesis.
基因ID	5586
基因名	PKN2
Swiss	Q16513
别名	PKN2,PKN2 Rabbit mAb,PKN gamma,Protein kinase C-like 2,Protein-kinase C-related kinase 2,PRK2,PRKCL2

产品验证



Western blot analysis of PKN2 expressed in HeLa,NIH/3T3,Jurkat using PKN2 Rabbit mAb 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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