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ROCK1 Rabbit mAb

货号: AAY1508

产品信息

反应	Human,Mouse,Rat,
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF IP ELISA
推荐浓度	**IHC:** 1:200-1:1000 **WB:** 1:1000-1:5000 **IF:** 1:200-1:1000 **ELISA:** 1:5000-1:20000 **IP:** 1:50-1:200
理论分子量	158kD
实测分子量	158kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.510.
偶联物	Unconjugated
阳性对照	293T,U-251MG,Jurkat,BT-474
细胞定位	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole, Golgi apparatus membrane, Cell projection, bleb, Cell membrane, lamellipodium, ruffle
纯化	亲和纯化

抗原信息

抗原信息	

靶点信息

研究背景	This gene encodes a protein serine/threonine kinase that is activated when bound to the GTP-bound form of Rho. The small GTPase Rho regulates formation of focal adhesions and stress fibers of fibroblasts, as well as adhesion and aggregation of platelets and lymphocytes by shuttling between the inactive GDP-bound form and the active GTP-bound form. Rho is also essential in cytokinesis and plays a role in transcriptional activation by serum response factor. This protein, a downstream effector of Rho, phosphorylates and activates LIM kinase, which in turn, phosphorylates cofilin, inhibiting its actin-depolymerizing activity. A pseudogene, related to this gene, is also located on chromosome 18.
基因ID	6093
基因名	>>cGMP-PKG signaling pathway;>>cAMP signaling pathway;>>Chemokine signaling pathway;>>Sphingolipid signaling pathway;>>Vascular smooth muscle contraction;>>TGF-beta signaling pathway;>>Axon guidance;>>Focal adhesion;>>Tight junction;>>Platelet activation;>>Leukocyte transendothelial migration;>>Regulation of actin cytoskeleton;>>Oxytocin signaling pathway;>>Pathogenic Escherichia coli infection;>>Shigellosis;>>Yersinia infection;>>Human cytomegalovirus infection;>>Pathways in cancer;>>Proteoglyc
Swiss	Q13464 (https://www.uniprot.org/uniprotkb/Q13464/entry)
别名	>>cGMP-PKG signaling pathway;>>cAMP signaling pathway;>>Chemokine signaling pathway;>>Sphingolipid signaling pathway;>>Vascular smooth muscle contraction;>>TGF-beta signaling pathway;>>Axon guidance;>>Focal adhesion;>>Tight junction;>>Platelet activation;>>Leukocyte transendothelial migration;>>Regulation of actin cytoskeleton;>>Oxytocin signaling pathway;>>Pathogenic Escherichia coli infection;>>Shigellosis;>>Yersinia infection;>>Human cytomegalovirus infection;>>Pathways in cancer;>>Proteoglycans in cancer;>>MicroRNAs in cancer;ROCK1;ROCK1;Rho-associated protein kinase 1;Renal carcinoma antigen NY-REN-35;Rho-associated;coiled-coil-containing protein kinase 1;Rho-associated, coiled-coil-containing protein kinase I;ROCK-I;p160 ROCK-1;p160ROCK

产品验证

实验步骤

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