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ROCK1 Rabbit mAb

货号: **AYM28606**

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/ICC IP FC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 IP: 1:20 - 1:50 FC: 1:20 - 1:50
理论分子量	158kDa
实测分子量	158kDa
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	293T,U-251MG,Jurkat,BT-474
细胞定位	Cell membrane,Cell projection,Cytoplasm,Golgi apparatus membrane,Peripheral membrane protein,bleb,centriole,centrosome,cytoskeleton,lamellipodium,microtubule organizing center,ruffle
纯化	Affinity purification

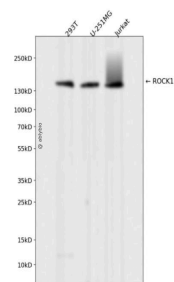
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human ROCK1.
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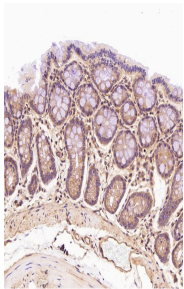
靶点信息

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	ROCK1
Swiss	Q13464 (https://www.uniprot.org/uniprotkb/Q13464/entry)
别名	ROCK1, ROCK1 Rabbit mAb, Renal carcinoma antigen NY-REN-35, Rho-associated, coiled-coil-containing protein kinase 1, coiled-coil-containing protein kinase I, p160 ROCK-1

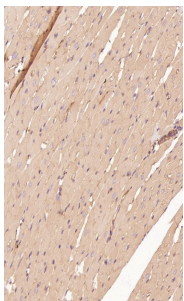
产品验证



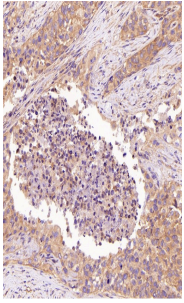
Western blot analysis of ROCK1 expressed in 293T, U-251MG, Jurkat using ROCK1 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



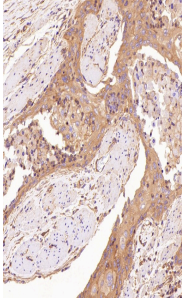
Immunohistochemical analysis of paraffin-embedded Rat stomach, using the Antibody at 1:150 dilution.



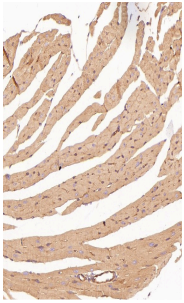
Immunohistochemical analysis of paraffin-embedded Rat heart, using the Antibody at 1:150 dilution.



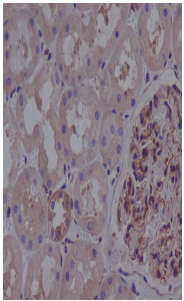
Immunohistochemical analysis of paraffin-embedded Human squamous carcinoma, using the Antibody at 1:150 dilution.



Immunohistochemical analysis of paraffin-embedded Human esophageal carcinoma, using the Antibody at 1:150 dilution.



Immunohistochemical analysis of paraffin-embedded Mouse heart, using the Antibody at 1:150 dilution.



Immunohistochemical analysis of paraffin-embedded human kidney, using ROCK1 Antibody.

实验步骤

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