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RACK1 Rabbit mAb

货号: AYM30789

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC FC
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **FC:** 1:20 - 1:50
理论分子量	35kDa
实测分子量	35kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Raji,HeLa,Jurkat
细胞定位	Cell membrane,Cell projection,Cytoplasm,Nucleus,Perikaryon,Peripheral membrane protein,cytoskeleton,dendrite,perinuclear region,phagocytic cup
纯化	Affinity purification

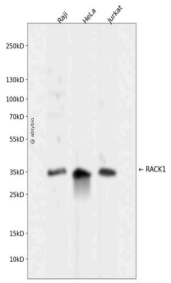
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human RACK1.

靶点信息

研究背景	Scaffolding protein involved in the recruitment, assembly and/or regulation of a variety of signaling molecules. Interacts with a wide variety of proteins and plays a role in many cellular processes. Component of the 40S ribosomal subunit involved in translational repression. Involved in the initiation of the ribosome quality control (RQC, a pathway that takes place when a ribosome has stalled during translation, by promoting ubiquitination of a subset of 40S ribosomal subunits. Binds to and stabilizes activated protein kinase C (PKC, increasing PKC-mediated phosphorylation. May recruit activated PKC to the ribosome, leading to phosphorylation of EIF6. Inhibits the activity of SRC kinases including SRC, LCK and YES1. Inhibits cell growth by prolonging the G0/G1 phase of the cell cycle. Enhances phosphorylation of BMAL1 by PRKCA and inhibits transcriptional activity of the BMAL1-CLOCK heterodimer. Facilitates ligand-independent nuclear translocation of AR following PKC activation, represses AR transactivation activity and is required for phosphorylation of AR by SRC. Modulates IGF1R-dependent integrin signaling and promotes cell spreading and contact with the extracellular matrix. Involved in PKC-dependent translocation of ADAM12 to the cell membrane. Promotes the ubiquitination and proteasome-mediated degradation of proteins such as CLEC1B and HIF1A.
基因ID	10399
基因名	RACK1
Swiss	P63244 (https://www.uniprot.org/uniprotkb/P63244/entry)
别名	RACK1,RACK1 Rabbit mAb,Cell proliferation-inducing gene 21 protein,Guanine nucleotide-binding protein subunit beta-2-like 1,Guanine nucleotide-binding protein subunit beta-like protein 12.3,Human lung cancer oncogene 7 protein

产品验证



Western blot analysis of RACK1 expressed in Raji,HeLa,Jurkat using RACK1 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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