

兔抗 RACK1 多克隆抗体

中文名称: 兔抗 RACK1 多克隆抗体

英文名称: Anti-RACK1 rabbit polyclonal antibody

别 名: receptor for activated C kinase 1; H12.3; HLC-7; P

相关类别: 一抗

储 存: 冷冻(-20℃)

宿 主: Rabbit

抗原: RACK1

反应种属: Human, Mouse, Rat

标记物: Unconjugate

克隆类型: rabbit polyclonal

技术规格

Background:

embly and/or regulation of a variety of signaling molecules. Interacts with a wide variety of proteins and plays a role in many cellular processes. Comp onent of the 40S ribosomal subunit involved in translational repression (PubMed:23636399). Involved in the initiation of the ribosome quality control (RQC), a pathway that takes place when a ribosome has stalled during translation, by promoting ubiqui tination of a subset of 40S ribosomal subunits (PubMed:28132843). Binds to and stabilizes activated protein kinase C (PKC), increasing PKC-mediated phosphorylation. May recruit activated PKC to the ri

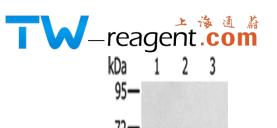
Scaffolding protein involved in the recruitment, ass



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bosome, leading to phosphorylation of EIF6. Inhibit s the activity of SRC kinases including SRC, LCK an d YES1. Inhibits cell growth by prolonging the G0/ G1 phase of the cell cycle. Enhances phosphorylati on of BMAL1 by PRKCA and inhibits transcriptional activity of the BMAL1-CLOCK heterodimer. Facilitat es ligand-independent nuclear translocation of AR following PKC activation, represses AR transactivati on activity and is required for phosphorylation of AR by SRC. Modulates IGF1R-dependent integrin si gnaling and promotes cell spreading and contact with the extracellular matrix. Involved in PKC-depe ndent translocation of ADAM12 to the cell membr ane. Promotes the ubiquitination and proteasomemediated degradation of proteins such as CLEC1B and HIF1A. Required for VANGL2 membrane localiz ation, inhibits Wnt signaling, and regulates cellular polarization and oriented cell division during gastr ulation. Required for PTK2/FAK1 phosphorylation a nd dephosphorylation. Regulates internalization of the muscarinic receptor CHRM2. Promotes apoptos is by increasing oligomerization of BAX and disrup ting the interaction of BAX with the anti-apoptotic factor BCL2L. Inhibits TRPM6 channel activity. Regu lates cell surface expression of some GPCRs such a s TBXA2R. Plays a role in regulation of FLT1-media ted cell migration. Involved in the transport of AB CB4 from the Golgi to the apical bile canalicular m embrane (PubMed:19674157). Promotes migration of breast carcinoma cells by binding to and activat ing RHOA (PubMed:20499158).

Applications:	ELISA, WB, IHC
Name of antibody:	RACK1
Immunogen:	Fusion protein of human RACK1
Full name:	receptor for activated C kinase 1
Synonyms:	H12.3; HLC-7; PIG21; GNB2L1; Gnb2-rs1
SwissProt:	P63244
IHC positive control:	Human liver cancer and Human brain
IHC Recommend dilution:	25-100
WB Predicted band size:	35 kDa
WB Positive control:	Hepg2, NIH/3T3 and Jurkat cells
WB Recommended dilution:	500-2000



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