

产品名称: PAK5/6 (phospho Ser602/S560) Rabbit Polyclonal Antibody
产品货号: APRab05201



产品概述 (Summary)

产品名称 (Production Name)	PAK5/6 (phospho Ser602/S560) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PAK6/PAK7
别名 (Alternative Names)	PAK7; KIAA1264; PAK5; Serine/threonine-protein kinase PAK 7; p21-activated kinase 5; PAK-5; p21-activated kinase 7; PAK-7; PAK6; PAK5; Serine/threonine-protein kinase PAK 6; PAK-5; p21-activated kinase 6; PAK-6
基因 ID (Gene ID)	57144/56924
蛋白 ID (SwissProt ID)	Q9P286/Q9NQU5.The antiserum was produced against synthesized peptide derived from human PAK5/6 around the phosphorylation site of Ser602/Ser560. AA range:566-615

产品应用 (Application)

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稀释比 (Dilution Ratio) WB 1:500-1:2000, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight) 75kDa

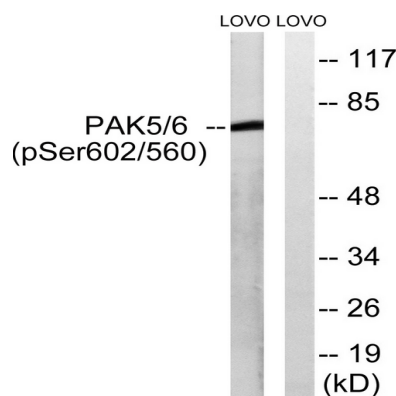
研究背景 (Background)

The protein encoded by this gene is a member of the PAK family of Ser/Thr protein kinases. PAK family members are known to be effectors of Rac/Cdc42 GTPases, which have been implicated in the regulation of cytoskeletal dynamics, proliferation, and cell survival signaling. This kinase contains a CDC42/Rac1 interactive binding (CRIB) motif, and has been shown to bind CDC42 in the presence of GTP. This kinase is predominantly expressed in brain. It is capable of promoting neurite outgrowth, and thus may play a role in neurite development. This kinase is associated with microtubule networks and induces microtubule stabilization. The subcellular localization of this kinase is tightly regulated during cell cycle progression. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq, Jul 2008], catalytic activity: ATP + a protein = ADP + a phosphoprotein., function: The activated kinase acts on a variety of targets., PTM: Autophosphorylated when activated by CDC42/p21., similarity: Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily., similarity: Contains 1 CRIB domain., similarity: Contains 1 protein kinase domain., subunit: Interacts tightly with GTP-bound but not GDP-bound CDC42/p21 and RAC1., tissue specificity: Predominantly expressed in brain.,

研究领域 (Research Area)

ErbB_HER; Axon guidance; Focal adhesion; T_Cell_Receptor; Regulates Actin and Cytoskeleton; Renal cell carcinoma;

图片 (Image Data)



Western blot analysis of lysates from LOVO cells treated with PMA 125ng/ml 30', using PAK5/6 (Phospho-Ser602/Ser560) Antibody. The lane on the right is blocked with the phospho peptide.

注意事项 (Note)

For research use only .