



兔抗 PAK1/2/3(Ab-423/402/421) 多克隆抗 体

中文名称: 兔抗 PAK1/2/3(Ab-423/402/421) 多克隆抗体

英文名称: Anti-PAK1/2/3(Ab-423/402/421) rabbit polyclonal antibody

别 名: PAKalpha/PAK65; PAKgamma/bPAK; MRX30; MRX47; OPHN3; hPAK3; CDKN1A;

PAK3beta

抗原: PAK1/2/3(Ab-423/402/421)

储 存: 冷冻(-20℃) 避光

宿 主: Rabbit

反应种属: Human

相关类别: 一抗

标记物: Unconjugate

克隆类型: rabbit polyclonal

技术规格

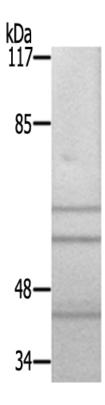
Background:

Serine/threonine protein kinase that plays a role in a varie ty of different signaling pathways including cytoskeleton r egulation, cell migration, or cell cycle regulation. Plays a r ole in dendrite spine morphogenesis as well as synapse f ormation and plasticity. Acts as downstream effector of th e small GTPases CDC42 and RAC1. Activation by the binding of active CDC42 and RAC1 results in a conformational change and a subsequent autophosphorylation on several serine and/or threonine residues. Phosphorylates MAPK4 a nd MAPK6 and activates the downstream target MAPKAPK 5, a regulator of F-actin polymerization and cell migration.



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	Additionally, phosphorylates TNNI3/troponin I to modulate calcium sensitivity and relaxation kinetics of thin myofilam ents. May also be involved in early neuronal development.
Applications:	WB, IHC
Name of antibody:	PAK1/2/3(Ab-423/402/421)
Immunogen:	Synthesized non-phosphopeptide derived from human PA K1/2/3 around the phosphorylation site of threonine 423/402/421 (R-S-T(p)-M-V).
Full name:	p21 protein (Cdc42/Rac)-activated kinase 1/2/3
Synonyms :	PAKalpha/PAK65; PAKgamma/bPAK; MRX30; MRX47; OPHN 3; hPAK3; CDKN1A; PAK3beta
SwissProt:	Q13153/Q13177/O75914
IHC positive control:	Human brain tissue
IHC Recommend dilution:	50-100
WB Predicted band size:	61/58/62 kDa
WB Positive control:	NIH/3T3 cells lysate
WB Recommended dilution:	500-3000





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