

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PAK2



Numéro de catalogue: 19979-1-AP

Informations de base

Numéro de catalogue: 19979-1-AP	Numéro d'acquisition GenBank: NM_002577	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 350 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 5062	Dilutions recommandées: WB 1:1000-1:5000 IF 1:50-1:500
Hôte: Lapin	Nom complet: p21 protein (Cdc42/Rac)-activated kinase 2	
Isotype: IgG	MW calculé: 58 kDa	
	MW observés: 54 kDa	

Applications

Applications testées:
IF, WB, ELISA

Spécificité de l'espèce:
Humain

Contrôles positifs:

WB : cellules HEK-293, cellules HeLa, cellules Jurkat, cellules PC-3, cellules Raji, tissu de muscle squelettique humain

IF : cellules HeLa,

Informations générales

PAK2, also named as PAK65, PAKgamma, p58, PAK-2p27, PAK-2p24 and C-t-PAK2, belongs to the protein kinase superfamily, STE Ser/Thr protein kinase family and STE20 subfamily. Full length PAK 2 stimulates cell survival and cell growth. The process is, at least in part, mediated by phosphorylation and inhibition of pro-apoptotic BAD. PAK2 has several isoforms with the MW of 54-62 kDa and 41 kDa. The 62 kDa PAK2 is cleaved into a 34 kDa C terminal fragment and a 28 kDa N terminal fragment with a time course that parallels apoptotic death in Jurkat cells. (PMID:10200518). Caspase-activated PAK-2p34 is involved in cell death response, probably involving the JNK signaling pathway. Cleaved PAK-2p34 seems to have a higher activity than the CDC42-activated form. The antibody has no cross reaction to PAK1 and PAK3.

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

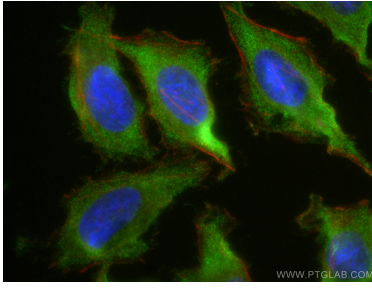
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

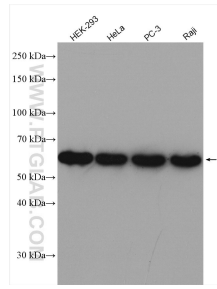
E: proteintech@ptglab.com
W: ptglab.com

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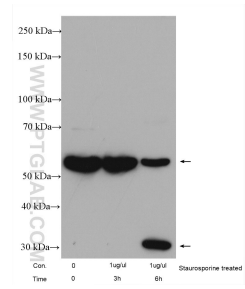
Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using PAK2 antibody (19979-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 19979-1-AP (PAK2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Untreated and Staurosporine treated Jurkat cells were subjected to SDS PAGE followed by western blot with 19979-1-AP (PAK2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.