

Nur für Forschungszwecke

# PAK2 Polyklonaler Antikörper

Katalog-Nr.:19979-1-AP



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 19979-1-AP	<b>GenBank-Zugangsnummer:</b> NM_002577	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 350 µg/ml von Nanodrop und 267 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 5062	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:5000 IF 1:50-1:500
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> p21 protein (Cdc42/Rac)-activated kinase 2	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 58 kDa	
	<b>Beobachtete Masse:</b> 54 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, WB, ELISA	<b>Positivkontrollen:</b>
<b>Getestete Reaktivität:</b> Human	<b>WB :</b> HEK-293-Zellen, HeLa-Zellen, humanes Skelettmuskelgewebe, Jurkat-Zellen, PC-3-Zellen, Raji-Zellen
	<b>IF :</b> HeLa-Zellen,

## Hintergrundinformationen

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.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

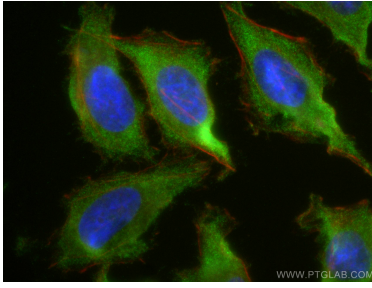
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

\*\*\* 20ul-Größen enthalten 0.1% BSA

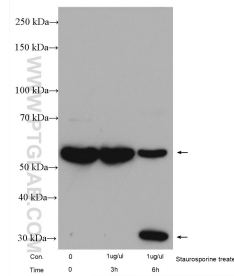
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

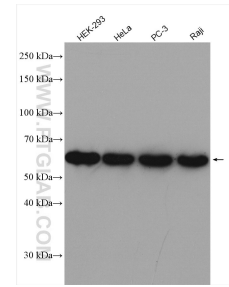
## Ausgewählte Validierungsdaten



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).



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.



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.