

Nur für Forschungszwecke

# PAK4 Polyklonaler Antikörper

Katalog-Nr.:14685-1-AP

Vorgestelltes Produkt

16 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
14685-1-AP

Größe:  
150ul, Konzentration: 700 µg/ml von  
Nanodrop und 513 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

Immunogen Katalognummer:  
AG5981

GenBank-Zugangsnummer:  
BC025282

GeneID (NCBI):  
10298

Vollständiger Name:  
p21 protein (Cdc42/Rac)-activated  
kinase 4

Berechnete Masse:  
64 kDa

Beobachtete Masse:  
64 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000  
IP 0.5-4.0 µg für IP und 1:500-1:1000  
für WB  
IF 1:10-1:100

## Anwendungen

Geprüfte Anwendungen:

FC, IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

Positivkontrollen:

WB : COLO 320-Zellen, HeLa-Zellen, PC-3-Zellen,  
Rattenhautgewebe

IP : Mauslebergewebe,

IF : HeLa-Zellen,

## Hintergrundinformationen

PAK4(p21-activated kinase 4) is also named as KIAA1142. It belongs to the protein kinase superfamily.PAK4 regulates cell morphology, cytoskeletal organization, and cell proliferation and migration. It can also function as an antiapoptotic protein (PMID:14517283). It has 4 isoforms produced by alternative splicing. And it can be autophosphorylated on serine residues when activated by CDC42/p21 (PMID:11278822).

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yohendran Baskaran	34493720	Nat Commun	WB,IF
Parisa Rabieifar	31594963	Sci Rep	IHC,IF
Atreyi Dasgupta	33168646	Cancer Res	WB,IHC

## 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

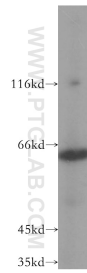
For technical support and original validation data for this product please contact:

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

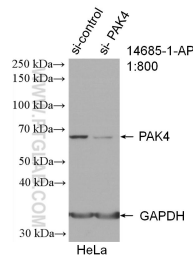
E: proteintech@ptglab.com  
W: ptglab.com

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

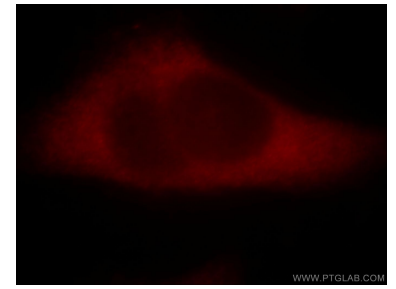
## Ausgewählte Validierungsdaten



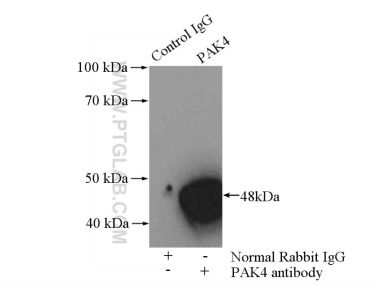
COLO 320 cells were subjected to SDS PAGE followed by western blot with 14685-1-AP (PAK4 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



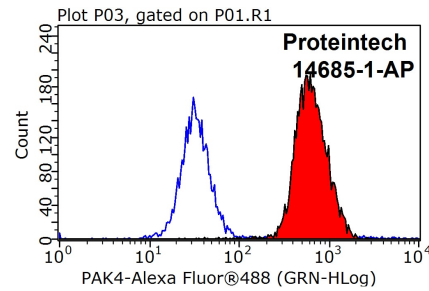
WB result of PAK4 antibody (14685-1-AP; 1:800; incubated at room temperature for 1.5 hours) with sh-Control and sh-PAK4 transfected HeLa cells.



Immunofluorescent analysis of HeLa cells, using PAK4 antibody 14685-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-PAK4 (IP:14685-1-AP, 4ug; Detection:14685-1-AP 1:800) with mouse liver tissue lysate 4000ug.



1X10<sup>6</sup> HeLa cells were stained with 0.2ug PAK4 antibody (14685-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.