

Nur für Forschungszwecke

# PARD6B Polyklonaler Antikörper

Katalog-Nr.:13996-1-AP

3 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
13996-1-AP

Größe:  
150ul, Konzentration: 500 µg/ml von  
Nanodrop und 293 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

Immunogen Katalognummer:  
AG5083

GenBank-Zugangsnummer:  
BC060847

GeneID (NCBI):  
84612

Vollständiger Name:  
par-6 partitioning defective 6  
homolog beta (C. elegans)

Berechnete Masse:  
41 kDa

Beobachtete Masse:  
50-53 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000  
IP 0.5-4.0 µg für IP und 1:200-1:1000  
für WB  
IHC 1:50-1:500  
IF 1:10-1:100

## Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Maus, Ratte

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB: HeLa-Zellen, HEK-293-Zellen, humanes Plazenta-Gewebe, PC-3-Zellen

IP: HEK-293-Zellen,

IHC: Mausnierengewebe, humanes Pankreasgewebe

IF: HepG2-Zellen, MCF-7-Zellen

## Hintergrundinformationen

PARD6B (also named as PAR6B) is a member of the PAR6 family. PAR6B is known to play a key role in mammary epithelial cell biology. Several studies have been reported which indicate deregulated PAR6B signaling contributes to malignant epithelial cell phenotypes due predominantly to disrupted polymerization and maintenance of tight junctions (PMID: 22957302). The approximately 4.8-kb long PAR6B mRNA was predominantly detected in both adult and foetal kidneys, while much weaker but significant signals were observed in the placenta, lung and liver (PMID: 11260256). This antibody detects PAR6B with an apparent molecular weight of 50-53 kDa as has been demonstrated by several researches (PMID: 22496418; 25662318).

## Bemerkenswerte Veröffentlichungen

| Verfasser   | Pubmed ID | Journal        | Anwendung |
|-------------|-----------|----------------|-----------|
| Haibin Tian | 36185374  | iScience       | IF        |
| Wen Yu Wong | 31287841  | PLoS One       | WB        |
| Xue Wang    | 31302435  | Theriogenology | WB        |

## 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

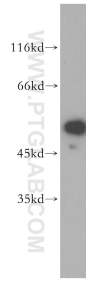
For technical support and original validation data for this product please contact:

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

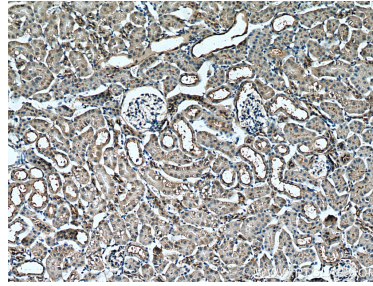
E: proteintech@ptglab.com  
W: ptglab.com

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

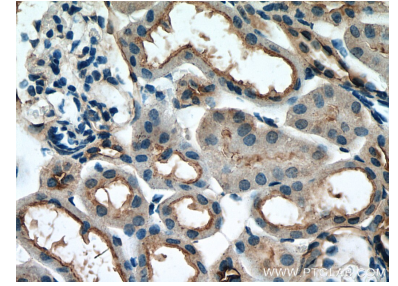
## Ausgewählte Validierungsdaten



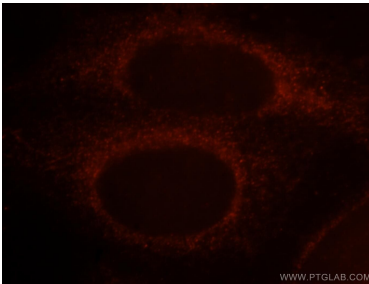
HeLa cells were subjected to SDS PAGE followed by western blot with 13996-1-AP (PARD6B antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



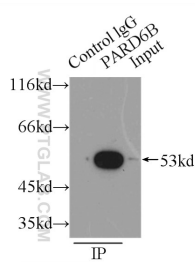
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 13996-1-AP (PARD6B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



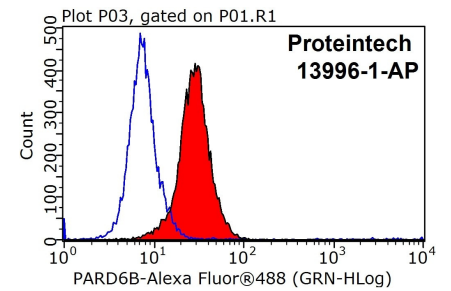
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 13996-1-AP (PARD6B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells, using PARD6B antibody 13996-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-PARD6B (IP:13996-1-AP, 3ug; Detection:13996-1-AP 1:200) with HEK-293 cells lysate 6000ug.



1X10<sup>6</sup> HepG2 cells were stained with 0.2ug PARD6B antibody (13996-1-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.