

## Allgemeine Informationen

Katalog-Nr.:  
11504-2-AP

**Größe:**

150ul , Konzentration: 300 µg/ml von Nanodrop und 247 µg/ml durch die Bradford-Methode mit BSA als Standard;

**Wirt:**

Kaninchen

**Isotyp:**

IgG

Immunogen Katalognummer:  
AG2053

GenBank-Zugangsnummer:

BC018739

GeneID (NCBI):

701

Vollständiger Name:

budding uninhibited by benzimidazoles 1 homolog beta (yeast)

Berechnete Masse:

1050 aa, 120 kDa

Beobachtete Masse:

120-130 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000

IHC 1:100-1:400

IF 1:20-1:200

## Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Human, Maus

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

Positivkontrollen:

WB : Maushodengewebe, HeLa-Zellen, humanes Hodengewebe, K-562-Zellen

IHC : humanes Kolonkarzinomgewebe,

IF : SKOV-3-Zellen,

## Hintergrundinformationen

BUB1B(Mitotic checkpoint serine/threonine-protein kinase BUB1 beta), also named as BUBR1, MAD3and SSK1, belongs to the BUB1 subfamily. Human BUB1B is a 120 kDa protein that plays a central role in the spindle assembly checkpoint (SAC), the evolutionary conserved and self-regulatory system of higher organisms that monitors and repairs defects in chromosome segregation in mitotic cells(PMID:22201036). In addition to phosphorylation, BUB1B is also subjected to posttranslational modifications including acetylation(PMID:22167194). Defects in BUB1B are the cause of premature chromatid separation trait (PCS) and mosaic variegated aneuploidy syndrome type 1 (MVA1).

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xie Mengyan	36176446	Front Pharmacol	WB
Zhi-Chuan Zhu	29520102	Oncogene	WB
Fengjie Yuan	31291454	Nucleic Acids Res	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**

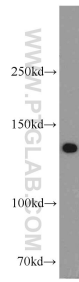
For technical support and original validation data for this product please contact:

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

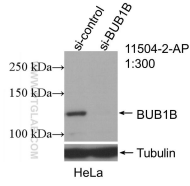
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

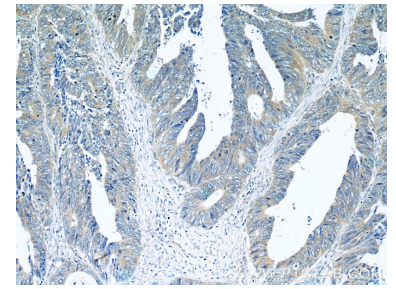
## Ausgewählte Validierungsdaten



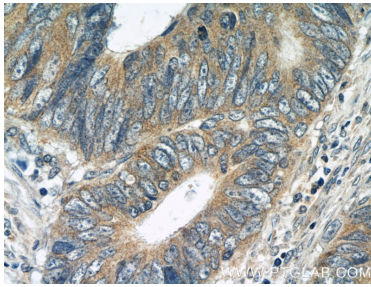
mouse testis tissue were subjected to SDS PAGE followed by western blot with 11504-2-AP (BubR1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



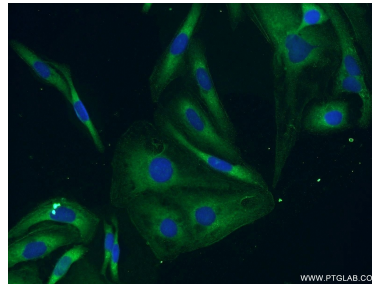
WB result of BubR1 antibody (11504-2-AP; 1:300; incubated at room temperature for 1.5 hours) with sh-Control and sh-BubR1 transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 11504-2-AP (BubR1 antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 11504-2-AP (BubR1 antibody at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of SKOV-3 cells using 11504-2-AP (BubR1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).