

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-BubR1



Numéro de catalogue: 11504-2-AP

Phare

12 Publications

Informations de base

Numéro de catalogue:
11504-2-AP

Taille:
150ul, Concentration: 300 µg/ml by Nanodrop and 247 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG2053

Numéro d'acquisition GenBank:
BC018739

Identification du gène (NCBI):
701
Nom complet:
budding uninhibited by benzimidazoles 1 homolog beta (yeast)

MW calculé
1050 aa, 120 kDa

MW observés:
120-130 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IHC 1:100-1:400
IF 1:20-1:200

Applications

Applications testées:
IF, IHC, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu testiculaire de souris, cellules HeLa, cellules K-562, tissu testiculaire humain

IHC : tissu de cancer du côlon humain,

IF : cellules SKOV-3,

Informations générales

BUB1B (Mitotic checkpoint serine/threonine-protein kinase BUB1 beta), also named as BUBR1, MAD3 and 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).

Publications notables

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

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.

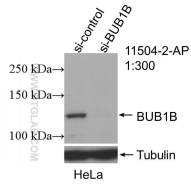
For technical support and original validation data for this product please contact:

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

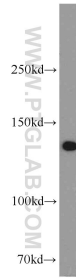
E: proteintech@ptglab.com
W: ptglab.com

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

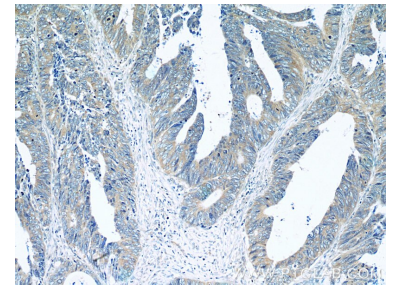
Données de validation sélectionnées



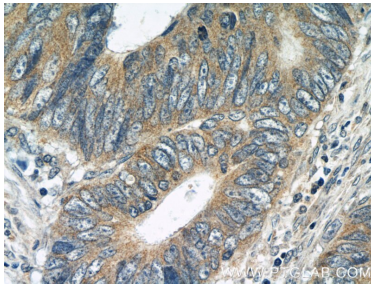
WB result of BubR1 antibody (11504-2-AP; 1:300; incubated at room temperature for 1.5 hours) with sh-Control and sh-BubR1 transfected HeLa cells.



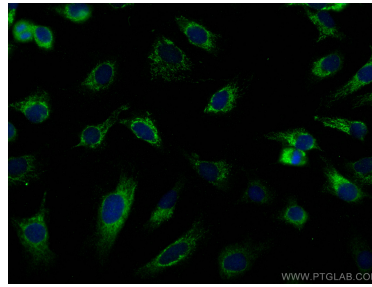
mouse testis tissue were subjected to SDS PAGE followed by western blot with 11504-2-AP (BubR1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



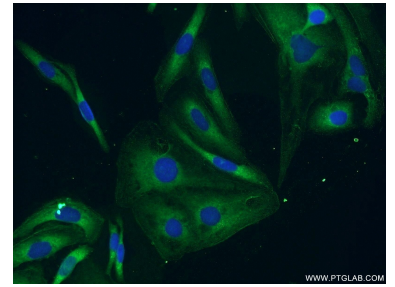
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 11504-2-AP (BubR1 antibody at dilution of 1:200 (under 10x lens).



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 (-20°C Ethanol) fixed SKOV-3 cells using BubR1 antibody (11504-2-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



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).