À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-B23/NPM1

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:10306-1-AP 24 Publications

Informations de base

Numéro de catalogue:
10306-1-AP

Taille:
150ul , Concentration: 500 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0286

Numéro d'acquisition GenBank:
BC002398

Identification du gène (NCBI):
4869

Nom complet:
nucleophosmin (nucleolar phosphoprotein B23, numatrin)

MW calculé
33 kDa

MW observés:
35-40 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:20000-1:100000
IP 0.5-4.0 ug for IP and 1:1000-1:4000 for WB
IHC 1:250-1:1000
IF 1:50-1:500

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
chIP, CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, rat

Espèces citées:
Humain, porc, 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 : cellules COLO 320, cellules HEK-293, cellules HeLa, cellules Jurkat, cellules K-562, multi-cellules

IP : cellules Jurkat,

IHC : tissu de cancer du côlon humain, tissu de cancer du sein humain

IF : cellules HeLa,

Informations générales

Nucleophosmin (NPM1,B23) is a putative ribosome assembly factor with a high affinity for peptides containing nuclear localization signals (NLSs). The transport of proteins across the nuclear envelope is a selective, multistep process involving several cytoplasmic factors. Proteins must be recognized as import substrates, dock at the nuclear pore complex and translocate across the nuclear envelope in an ATP-dependent fashion. Several cytosolic and nuclear proteins that are central to this process have been identified. The 38 kDa nuclear protein nucleophosmin is involved in ribosomal assembly and rRNA transport. It is an abundant protein that is highly phosphorylated by Cdc2 kinase during mitosis.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yinghua Zhao	36238596	Front Microbiol	IF
Zhen Ding	32944812	Virus Genes	IF
Masayuki Ide	31657521	EMBO Mol Med	

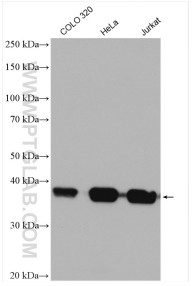
Stockage

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

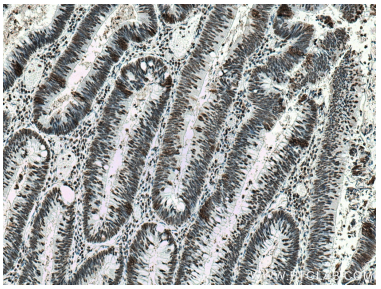
***** Les 20ul contiennent 0,1% de BSA.**

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

Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 10306-1-AP (B23/NPM1 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10306-1-AP (B23/NPM1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

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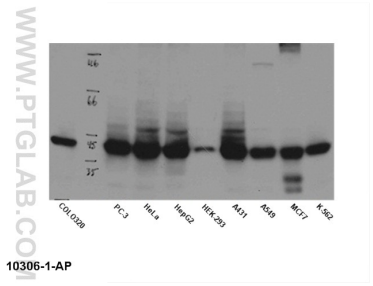
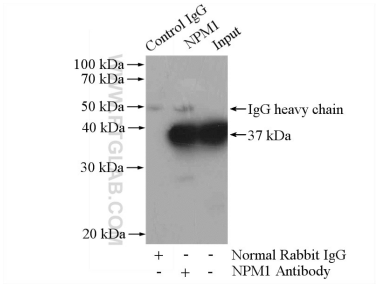
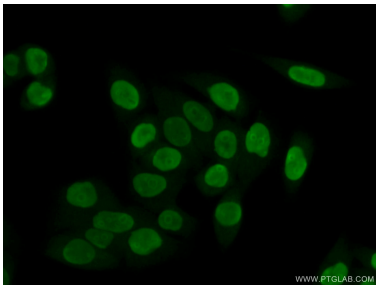


WB result of anti-NPM1 (10306-1-AP) in different cell lysates.



IP Result of anti-B23 (IP:10306-1-AP, 4ug; Detection:10306-1-AP 1:2000) with Jurkat cells lysate 3200ug.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 10306-1-AP (B23 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).