

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-NOP2



Numéro de catalogue: 10448-1-AP

4 Publications

## Informations de base

Numéro de catalogue: 10448-1-AP	Numéro d'acquisition GenBank: BC000656	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 350 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 4839	Dilutions recommandées: WB 1:1000-1:4000 IHC 1:50-1:500 IF 1:20-1:200
Hôte: Lapin	Nom complet: NOP2 nucleolar protein homolog (yeast)	
Isotype: IgG	MW calculé: 120 kDa	
Immunogen Catalog Number: AG0498	MW observés: 100-120 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

IF, WB

### Spécificité de l'espèce:

Humain, rat, souris

### Espèces citées:

Humain

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

### Contrôles positifs:

WB : cellules A2780, cellules C6, cellules HeLa

IHC : tissu cérébral de souris,

IF : cellules HEK-293,

## Informations générales

NOL1, (synonyms: p120, NSUN1, NOP120), is a 120 kDa proliferating-cell nucleolar antigen and is the most cancer specific of the proliferation-associated nucleolar proteins identified thus far. NOL1 is expressed in G1 and peaks during the early S phase of the cell cycle and it has not been detected in benign tumors and most normal resting tissues. Overexpression of NOL1 caused the transformation of NIH 3T3 cells and expression of an antisense NOL1 construct inhibited the growth of NIH 3T3 cells. NOL is localized in a novel nucleolar microfibrillar structure, and contains, consecutively, four major domains: a basic domain, an acidic domain, a hydrophobic and methionine-rich domain, and a domain rich in cysteine and proline residues. The gene for human NOL1 was assigned to chromosome 12p13.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Jinling Bi	35116980	Transl Cancer Res	WB
Calkins Anne S AS	23775790	Nucleic Acids Res	WB, IF
Tamami Miyagi	37332605	iScience	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.

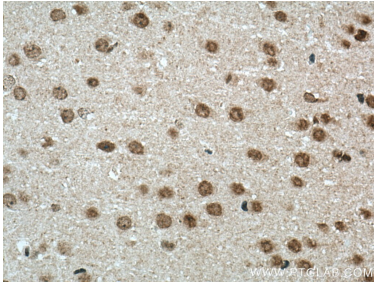
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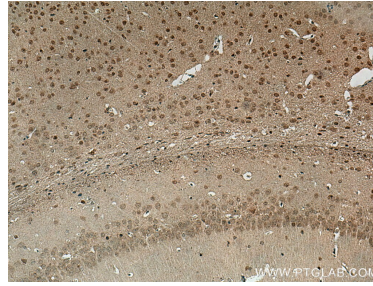
E: proteintech@ptglab.com  
W: ptglab.com

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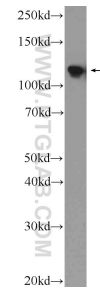
## Données de validation sélectionnées



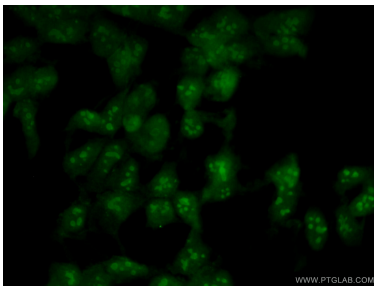
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10448-1-AP (NOP2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10448-1-AP (NOP2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



A2780 cells were subjected to SDS PAGE followed by western blot with 10448-1-AP (NOP2 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HEK-293 cells using 10448-1-AP (NOP2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).