

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-NUPR1



Numéro de catalogue: 15056-1-AP

Phare

6 Publications

## Informations de base

Numéro de catalogue: 15056-1-AP	Numéro d'acquisition GenBank: BC002434	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 650 µg/ml by Nanodrop;	Identification du gène (NCBI): 26471	Dilutions recommandées: WB 1:300-1:600 IHC 1:20-1:200
Hôte: Lapin	Nom complet: nuclear protein 1	
Isotype: IgG	MW calculé: 8 kDa	
Immunogen Catalog Number: AG7039	MW observés: 8 kDa, 17 kDa, 38 kDa	

## Applications

### Applications testées:

IHC, WB, ELISA

### Demandes citées:

CoIP, IF, IHC, WB

### Spécificité de l'espèce:

Humain

### Espèces citées:

Humain, souris

### Contrôles positifs:

WB : cellules L02,

IHC : tissu de cancer du côlon humain, tissu de cancer de la prostate humaine, tissu de cancer du foie humain

**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.**

## Informations générales

NUPR1, also named as COM1 and P8, is a small nuclear protein that is responsive to various stress stimuli. NUPR1 can be induced by hypoxia, oxidative stress, while the expression is low in physiological condition. It is associated with chemoresistance in multiple malignancies. The predicted MW of NUPR1 is 8 kDa and we also detect bands around 17 and 38 kDa, which are similar to the papers (PMID: 29130426, 27336713, 28694771, 22961798). NUPR1 was also found in a complex with ANXA2, TRIM21, YBX1, S100A9, HSPA8, HSPA9, HSPA4, HSPA5, and ESR1, suggesting that these proteins might play a role in its functional regulation (PMID: 33542201), and it can also form a complex with PADI4 and plays crucial functions in modulating DNA-repair, favoring metastasis, or facilitating citrullination of other proteins (PMID: 36858171).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Yongjia Wang	36307402	Cell Death Discov	IHC, CoIP
Yizhi Zhan	36258210	BMC Med	WB, IHC, IF, CoIP
Lifeng Zhang	36468653	Cancer Med	WB, IHC

## 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 -20°C

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

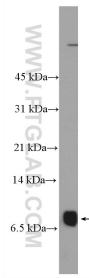
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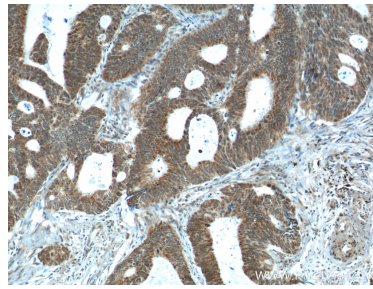
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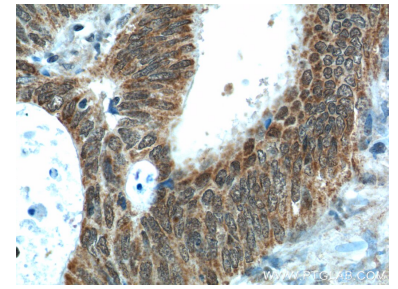
## Données de validation sélectionnées



L02 cells were subjected to SDS PAGE followed by western blot with 15056-1-AP (NUPR1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 15056-1-AP (NUPR1 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 human colon cancer tissue slide using 15056-1-AP (NUPR1 Antibody) at dilution of 1:200 (under 40x Lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).