

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-NASP



Numéro de catalogue: 11323-1-AP

Phare

9 Publications

## Informations de base

Numéro de catalogue:

11323-1-AP

Taille:

150ul, Concentration: 700 µg/ml by Nanodrop and 320 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG1824

Numéro d'acquisition GenBank:

BC010105

Identification du gène (NCBI):

4678

Nom complet:

nuclear autoantigenic sperm protein (histone-binding)

MW calculé

788 aa, 85 kDa

MW observés:

138 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2400

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

IHC 1:20-1:200

IF 1:10-1:100

## Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

**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 : tissu testiculaire de souris,

IP : tissu testiculaire de souris,

IHC : tissu testiculaire humain, tissu de lymphome humain

IF : cellules MCF-7,

## Informations générales

NASP (nuclear autoantigenic sperm protein) is associated with DNA replication, cell proliferation and cell cycle progression through functioning as a Histone H1 binding protein that mediates histone transport to the nucleus. NASP had two isoforms, tNASP (testis type) and sNASP (somatic type). The tNASP was mainly expressed in testis, a variety of malignant tumors, stem cells and embryonic tissues, while sNASP existed in all somatic mitosis cells. This antibody can recognize both isoforms.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Fei Xiong	36167790	Cell Death Dis	WB
Qing Yuan	25378924	Int J Nanomedicine	WB
Nishibu Takahiro T	23229118	Biosci Trends	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.

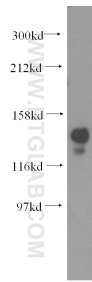
For technical support and original validation data for this product please contact:

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

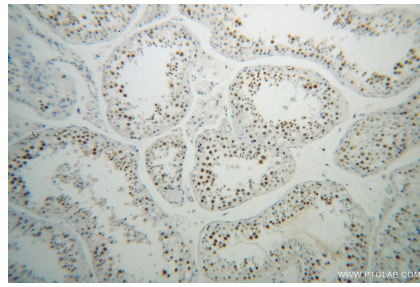
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

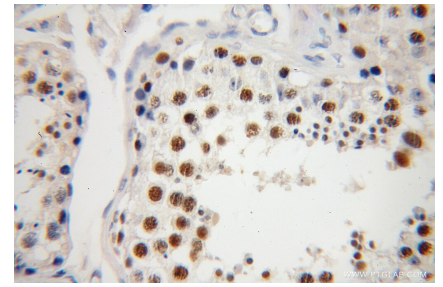
## Données de validation sélectionnées



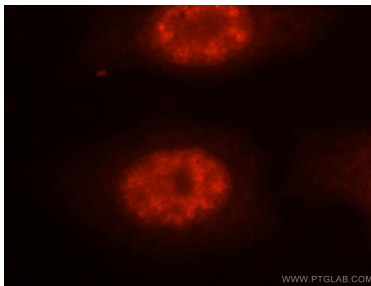
mouse testis tissue were subjected to SDS PAGE followed by western blot with 11323-1-AP (NASP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



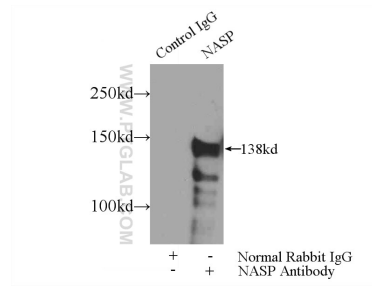
Immunohistochemical analysis of paraffin-embedded human testis using 11323-1-AP (NASP antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 11323-1-AP (NASP antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of MCF-7 cells, using NASP antibody 11323-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-NASP (IP:11323-1-AP, 5ug; Detection:11323-1-AP 1:1000) with mouse testis tissue lysate 4000ug.