

À des fins de recherche uniquement

# Anticorps Monoclonal anti-NFIA

Numéro de catalogue: 66999-1-Ig **Phare**



## Informations de base

Numéro de catalogue:  
66999-1-Ig

Taille:  
150ul, Concentration: 2400 µg/ml by  
Nanodrop and 1000 µg/ml by Bradford  
method using BSA as the standard;

Hôte:  
Mouse

Isotype:  
IgG1

Immunogen Catalog Number:  
AG17873

Numéro d'acquisition GenBank:  
BC022264

Identification du gène (NCBI):

Nom complet:  
nuclear factor I/A

MW calculé  
498 aa, 55 kDa

MW observés:  
60-70 kDa

Méthode de purification:  
Purification par protéine G

CloneNo.:  
3A6D7

Dilutions recommandées:  
WB 1:5000-1:50000  
IP 0.5-4.0 ug for IP and 1:500-1:1000  
for WB

## Applications

Applications testées:  
IP, WB, ELISA

Spécificité de l'espèce:  
Humain, Lapin, porc, rat, souris

Contrôles positifs:

WB : cellules HeLa, cellules Jurkat, tissu cérébral de lapin, tissu cérébral de porc, tissu cérébral de rat, tissu cérébral de souris, tissu cérébral humain fœtal, tissu de cervelet de souris

IP : cellules HeLa,

## Informations générales

The NFI (nuclear factor I) family consists of four members in vertebrates (NFI-A, NFI-B, NFI-C and NFI-X), and the four NFI genes are expressed in unique patterns during mouse embryogenesis and in the adult. Four isoforms of NFIA were found in human and they play various roles in DNA replication, DNA-dependent transcription via their DNA binding property. Multiple residues of NFIA can be phosphorylated resulting in mild shifts of its practical molecular weight. Recent finding also revealed its neuroprotective function in NMDA-induced neuronal damage. The calculated molecular weight of NFIA is 55 kDa, However the size of the proteins cross-linked to the adenoviral NF-I element ranged from 60 to 80 kDa. The larger size observed by us could be due to the oligo protein complex, which would increase the size by 15-20 kDa. (PMID: 11447215)

## 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.

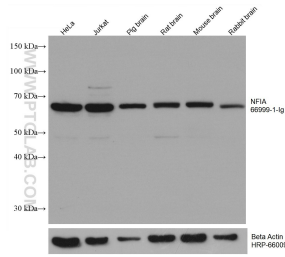
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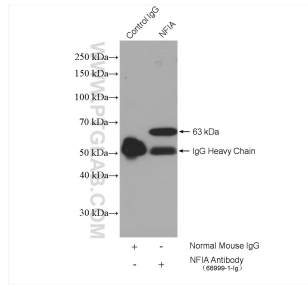
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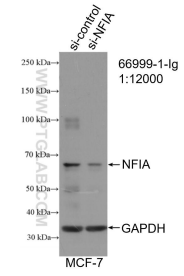
## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 66999-1-Ig (NFIA antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



IP result of anti-NFIA (IP:66999-1-Ig, 5ug; Detection:66999-1-Ig 1:500) with HeLa cells lysate 1600 ug.



WB result of NFIA antibody (66999-1-Ig; 1:12000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NFIA transfected MCF-7 cells.