

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-NFIA



Numéro de catalogue: 11750-1-AP

4 Publications

Informations de base

Numéro de catalogue:
11750-1-AP

Taille:
150ul, Concentration: 550 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG2346

Numéro d'acquisition GenBank:
BC022264

Identification du gène (NCBI):
4774

Nom complet:
nuclear factor I/A

MW calculé
498 aa, 55 kDa

MW observés:
60-70 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500

Applications

Applications testées:
IHC, IP, WB, ELISA

Demandes citées:
CoIP, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, 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 : cellules A431, cellules HeLa, cellules Jurkat, cellules LO2, tissu hépatique de souris

IP : cellules A431,

IHC : tissu cérébral de souris, tissu de cancer de la prostate humain, tissu de gliome humain

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. Catalog# 11750-1-AP is a rabbit polyclonal antibody raised against N-terminal of human original NFIA. 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)

Publications notables

Autrice	Pubmed ID	Journal	Application
Hitoshi Gotoh	36050761	FEBS Lett	IHC
Daniel J Foster	32816599	Cell Cycle	WB
Hongliang Zhang	33794884	Cancer Cell Int	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.

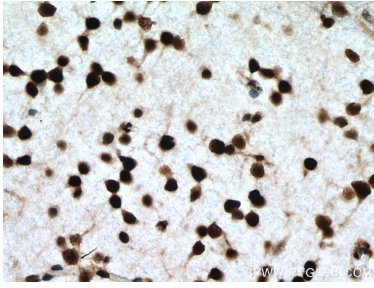
For technical support and original validation data for this product please contact:

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

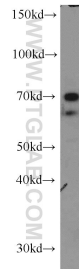
E: proteintech@ptglab.com
W: ptglab.com

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

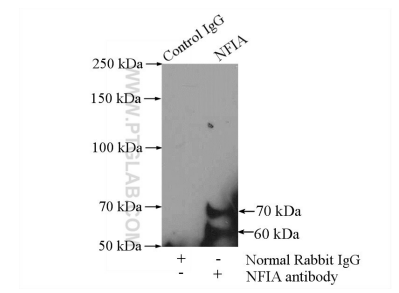
Données de validation sélectionnées



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 11750-1-AP (NFIA antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



A431 cells were subjected to SDS PAGE followed by western blot with 11750-1-AP (NFIA antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-NFIA (IP:11750-1-AP, 4ug; Detection:11750-1-AP 1:500) with A431 cells lysate 2000ug.