

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Nurr1/NR4A2



Numéro de catalogue: 10975-2-AP

15 Publications

Informations de base

| | | |
|--|---|--|
| Numéro de catalogue: 10975-2-AP | Numéro d'acquisition GenBank: BC009288 | Méthode de purification: Purification par affinité contre l'antigène |
| Taille: 150ul , Concentration: 700 µg/ml by Nanodrop; | Identification du gène (NCBI): 4929 | Dilutions recommandées: WB 1:1000-1:8000 IHC 1:50-1:500 IF 1:50-1:500 |
| Hôte: Lapin | Nom complet: nuclear receptor subfamily 4, group A, member 2 | |
| Isotype: IgG | MW calculé: 66 kDa | |
| Immunogen Catalog Number: AG1418 | MW observés: 66 kDa | |

Applications

Applications testées:
IF, IHC, WB, ELISA

Demandes citées:
ChIP, IF, IHC, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, rat, souris

Contrôles positifs:

WB : cellules A431, cellules COLO 320, cellules SH-SY5Y, tissu cérébral humain foetal

IHC : tissu de gliome humain,

IF : cellules HepG2,

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

NR4A2 belongs to the orphan nuclear receptor (NR) family referred to as NR4A family, which have been implicated in cell cycle regulation, apoptosis, inflammation, metabolism and more recently in carcinogenesis [PMID:22583411]. NR4A2 also has a role in the expression of several proteins that are necessary for the synthesis and regulation of DA, such as tyrosine hydroxylase, DA transporter, vesicular monoamine transporter 2, and cRET [PMID:22294735]. Act as a transcriptional regulator, NR4A2 is essential for the differentiation and maintenance of meso-diencephalic dopaminergic (mdDA) neurons during development. It is crucial for expression of a set of genes such as SLC6A3, SLC18A2, TH and DRD2 which are essential for development of mdDA neurons [PMID: 17184956].

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|---------------|-----------|-------------------|-------------|
| Xiaoxuan Zhai | 36184541 | Int Heart J | WB |
| Guoqing Sun | 36138991 | Brain Sci | WB |
| Jian Huang | 36089218 | Brain Behav Immun | WB,IF |

Stockage

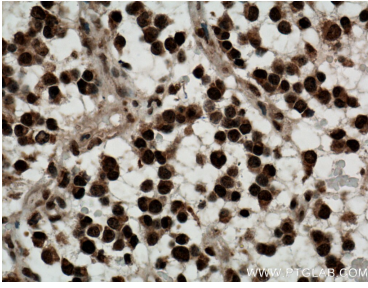
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

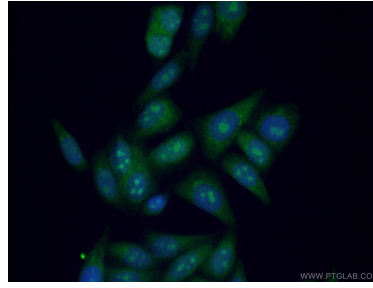
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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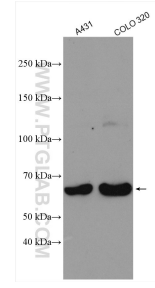
Données de validation sélectionnées



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 10975-2-AP (Nurr1/NR4A2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 10975-2-AP (Nurr1/NR4A2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 10975-2-AP (Nurr1/NR4A2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.