À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-NPTX2

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:10889-1-AP Phare 14 Publications

Informations de base

Numéro de catalogue:
10889-1-AP

Taille:
150ul , Concentration: 650 μg/ml by Nanodrop and 260 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1326

Numéro d'acquisition GenBank:
BC009924

Identification du gène (NCBI):
4885

Nom complet:
neuronal pentraxin II

MW calculé
47 kDa

MW observés:
47 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, IF, 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; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cérébral de souris, cellules PC-3, cellules SH-SY5Y

IP : tissu cérébral de souris,

IHC : tissu cérébral humain, tissu de cancer du pancréas humain

Informations générales

Neuronal pentraxins constitute a family of proteins that are homologous to C-reactive protein (CRP) and serum amyloid P component (SAP), including NPTX1, NPTX2, and the neuronal pentraxin receptor (NPTXR). NPTX2, also known as NARP (neuronal activity-regulated pentaxin), is secreted protein involved in excitatory synapse formation. It also plays a role in clustering of alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA)-type glutamate receptors at established synapses, resulting in non-apoptotic cell death of dopaminergic nerve cells. NPTX2 is highly up-regulated in the Parkinson's disease (PD), suggesting it may be involved in the pathology of PD. (PMID: 12895424; 17987278; 10748068)

Publications notables

Autrice	Pubmed ID	Journal	Application
Long Pei	34565284	Bioengineered	WB
Xu-Qiao Chen	36370135	Alzheimers Dement	WB
Simon Chang	29844474	Neuropsychopharmacology	IHC,IF

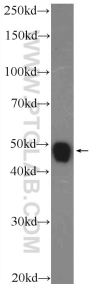
Stockage

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

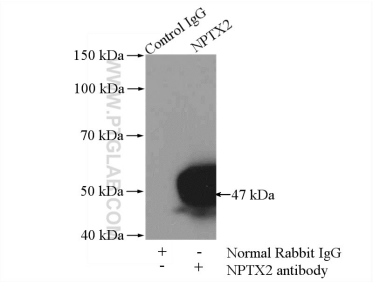
*** Les 20ul contiennent 0,1% de BSA.

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

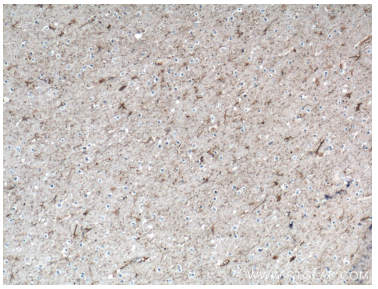
Données de validation sélectionnées



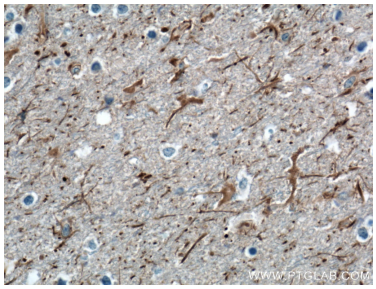
mouse brain tissue were subjected to SDS PAGE followed by western blot with 10889-1-AP (NPTX2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP Result of anti-NPTX2 (IP:10889-1-AP, 4ug; Detection:10889-1-AP 1:600) with mouse brain tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 10889-1-AP (NPTX2 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 brain tissue slide using 10889-1-AP (NPTX2 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).