

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-NF-H/NF200



Numéro de catalogue: 18934-1-AP

33 Publications

Informations de base

Numéro de catalogue: 18934-1-AP	Numéro d'acquisition GenBank: BC014185	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 600 µg/ml by Nanodrop;	Identification du gène (NCBI): 4744	Dilutions recommandées: WB 1:500-1:3000 IHC 1:200-1:800 IF 1:50-1:500
Hôte: Lapin	Nom complet: neurofilament, heavy polypeptide	
Isotype: IgG	MW calculé: 112 kDa	
Immunogen Catalog Number: AG13517	MW observés: 200 kDa, 140-160 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

canin, Humain, rat, 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, tissu cérébral de rat

IHC : tissu cérébral de rat, tissu de gliome humain

IF : tissu cérébral de souris, tissu cérébral de rat

Informations générales

NEFH (NF200), also named as KIAA0845 and NFH, belongs to the intermediate filament family. It has an important function in mature axons that is not subserved by the two smaller NF proteins. Neurofilaments are the 10 nm intermediate filaments found specifically in neurons. They are a major component of the cell's cytoskeleton, and provide support for normal axonal radial growth. Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber. The names given to the three major neurofilament subunits are based upon the apparent molecular weight of the mammalian subunits on SDS-PAGE: NF-L, 65-68 kDa; NF-M, 145-160 kDa and NF-H, 200-220 kDa. This antibody can recognize both NEFH and NEFM.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yanbo Zhu	34616478	Evid Based Complement Alternat Med	IF
Fei Yin	25374587	Neural Regen Res	WB
Huanhuan Sun	33176238	J Neuroimmunol	IHC

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.

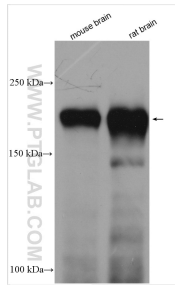
For technical support and original validation data for this product please contact:

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

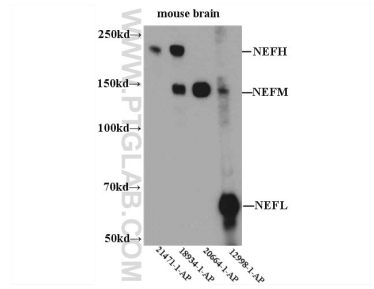
E: proteintech@ptglab.com
W: ptglab.com

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

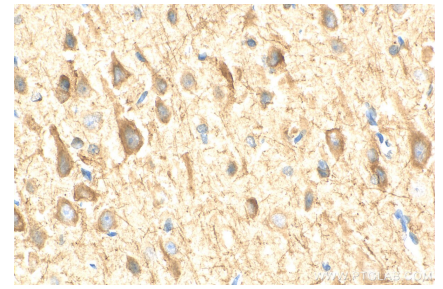
Données de validation sélectionnées



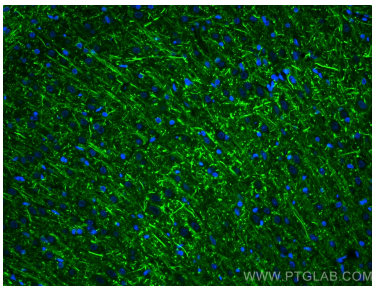
Various tissues were subjected to SDS PAGE followed by western blot with 18934-1-AP (NF-H antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



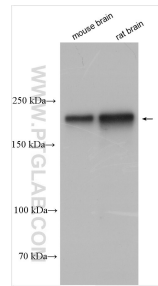
WB result of 18934-1-AP.



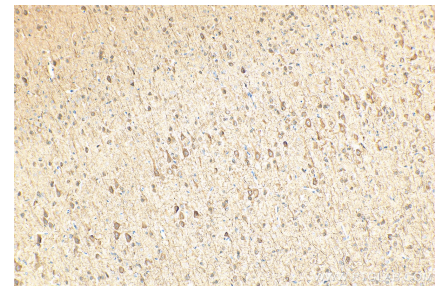
Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 18934-1-AP (NF-H/NF200 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



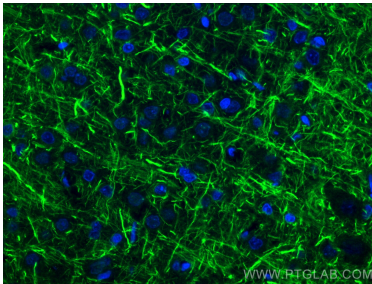
Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using NF-H/NF200 antibody (18934-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



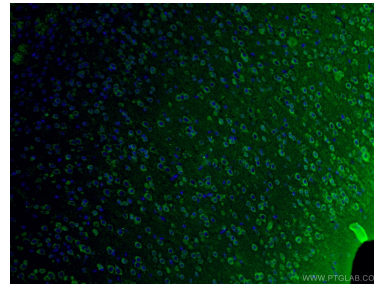
Various lysates were subjected to SDS PAGE followed by western blot with 18934-1-AP (NF-H/NF200 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 18934-1-AP (NF-H/NF200 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using NF-H/NF200 antibody (18934-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 18934-1-AP (NF-H antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).