À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-NF-M-Specific

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:20664-1-AP

2 Publications

Informations de base

Numéro de catalogue:
20664-1-AP

Taille:
150ul , Concentration: 700 μg/ml by Nanodrop and 347 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Numéro d'acquisition GenBank:
NM_005382

Identification du gène (NCBI):
4741

Nom complet:
neurofilament, medium polypeptide

MW calculé
102 kDa

MW observés:
140-160 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:3000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IHC 1:50-1:500
IF 1:50-1:500

Applications

Applications testées:
FC, IF, IHC, IP, WB, ELISA

Demandes citées:
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, tissu cérébral de rat, tissu cérébral humain

IP : tissu cérébral de rat,

IHC : tissu cérébral humain, tissu cérébral de rat

IF : cellules SH-SY5Y,

Informations générales

NEFM, also named as NEF3 and NFM, belongs to the intermediate filament family. Neurofilaments are the 10nm 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. The antibody is specific to NEFM.

Publications notables

Autrice	Pubmed ID	Journal	Application
Peng-Peng Zhu	35348668	Hum Mol Genet	WB
Markus T Sainio	35237613	Front Cell Dev Biol	WB

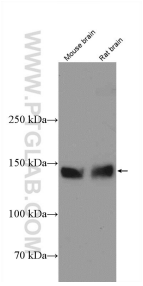
Stockage

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

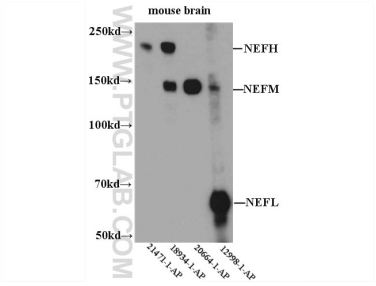
***** Les 20ul contiennent 0,1% de BSA.**

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

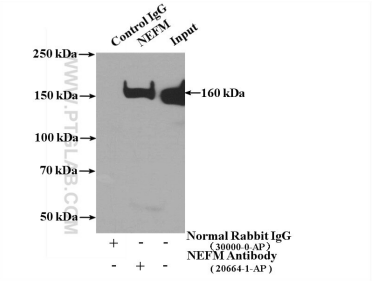
Données de validation sélectionnées



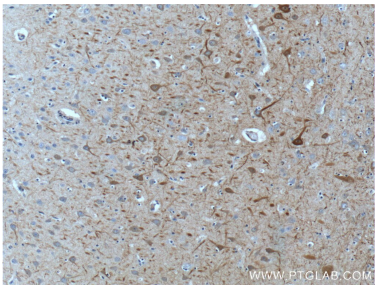
mouse brain and rat brain tissues were subjected to SDS PAGE followed by western blot with 20664-1-AP (NF-M-Specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



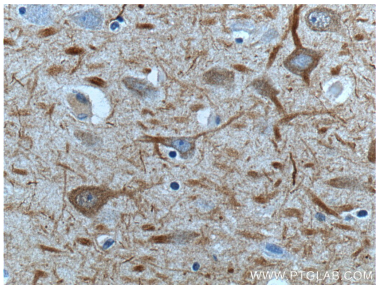
WB result of 20664-1-AP.



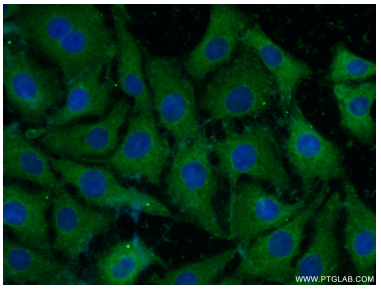
IP Result of anti-NF-M-Specific (IP:20664-1-AP, 4ug; Detection:20664-1-AP 1:1000) with rat brain tissue lysate 4000ug.



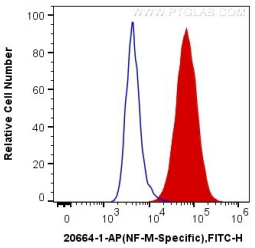
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 20664-1-AP (NF-M-Specific antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 20664-1-AP (NF-M-Specific antibody at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using 20664-1-AP (NF-M-Specific antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10^6 PC-12 cells were intracellularly stained with 0.4 ug Anti-Human NF-M-Specific (20664-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).