Nur für Forschungszwecke

NF-M-Specific Polyklonaler Antikörper

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

Katalog-Nr.:20664-1-AP

2 Publikationen

Allgemeine Informationen

Katalog-Nr.:
20664-1-AP

Größe:
150ul , Konzentration: 700 μg/ml von Nanodrop und 347 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

GenBank-Zugangsnummer:
NM_005382

GeneID (NCBI):
4741

Vollständiger Name:
neurofilament, medium polypeptide

Berechneté Masse:
102 kDa

Beobachteté Masse:
140-160 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:3000
IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB
IHC 1:50-1:500
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human, Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : Maushirngewebe, humanes Hirngewebe, Rattenhirngewebe

IP : Rattenhirngewebe,

IHC : humanes Hirngewebe, Rattenhirngewebe

IF : SH-SY5Y-Zellen,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

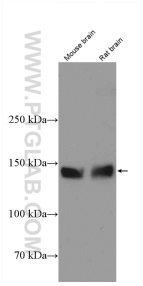
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

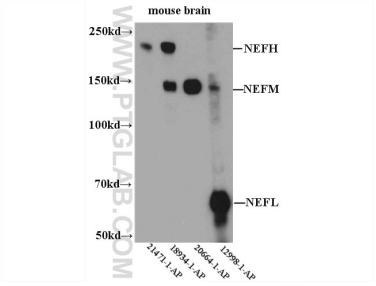
*** 20ul-Größen enthalten 0.1% BSA

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

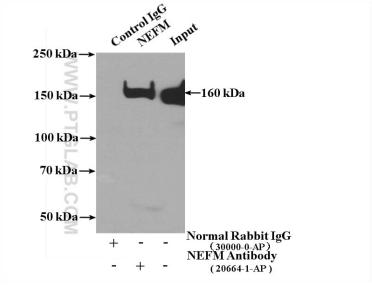
Ausgewählte Validierungsdaten



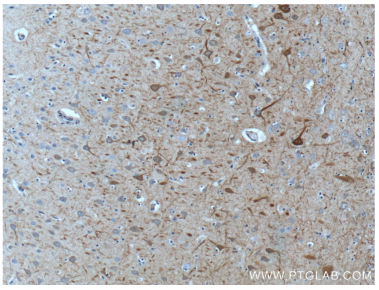
mouse brain and rat brain tissues were subjected to SDS PAGE followed by western blot with 20664-1-AP (NF-M-Specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



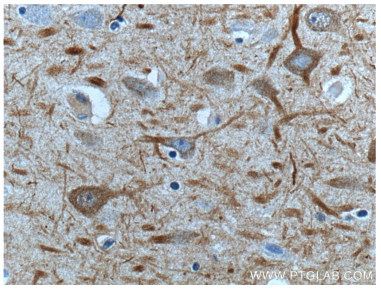
WB result of 20664-1-AP.



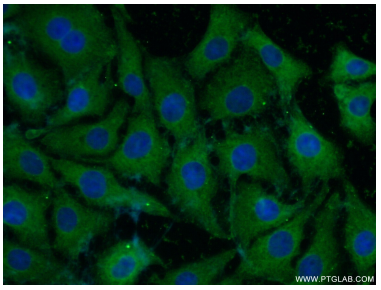
IP Result of anti-NF-M-Specific (IP:20664-1-AP, 4ug; Detection:20664-1-AP 1:1000) with rat brain tissue lysate 4000ug.



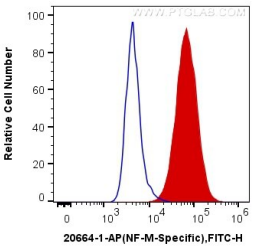
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 20664-1-AP (NF-M-Specific antibody at dilution of 1:200 (under 10x lens).



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).