

Nur für Forschungszwecke

NFIA Monoklonaler Antikörper

Katalog-Nr.:66999-1-Ig

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.:

66999-1-Ig

Größe:

150ul, Konzentration: 2400 µg/ml von 4774

Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Maus

Isotyp:

IgG1

Immunogen Katalognummer:

AG17873

GenBank-Zugangsnummer:

BC022264

GeneID (NCBI):

4774

Vollständiger Name:

nuclear factor I/A

Berechnete Masse:

498 aa, 55 kDa

Beobachtete Masse:

60-70 kDa

Reinigungsmethode:

Protein-G-Reinigung

CloneNo.:

3A6D7

Empfohlene Verdünnungen:

WB 1:5000-1:50000

IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB

Anwendungen

Geprüfte Anwendungen:

IP, WB, ELISA

Getestete Reaktivität:

Hausschwein, Human, Kaninchen, Maus, Ratte

Positivkontrollen:

WB: HeLa-Zellen, fetales humanes Hirngewebe, Hausschwein-Hirngewebe, Jurkat-Zellen, Kaninchenhirngewebe, Maus-Cerebellum-Gewebe, Maushirngewebe, Rattenhirngewebe

IP: HeLa-Zellen,

Hintergrundinformationen

The NF1 (nuclear factor I) family consists of four members in vertebrates (NF1-A, NF1-B, NF1-C and NF1-X), and the four NF1 genes are expressed in unique patterns during mouse embryogenesis and in the adult. Four isoforms of NF1A were found in human and they play various roles in DNA replication, DNA-dependent transcription via their DNA binding property. Multiple residues of NF1A can be phosphorylated resulting in mild shifts of its practical molecular weight. Recent finding also revealed its neuroprotective function in NMDA-induced neuronal damage. The calculated molecular weight of NF1A is 55 kDa, However the size of the proteins cross-linked to the adenoviral NF-I element ranged from 60 to 80 kDa. The larger size observed by us could be due to the oligo protein complex, which would increase the size by 15-20 kDa. (PMID: 11447215)

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

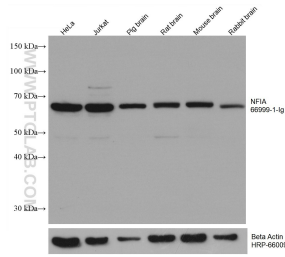
For technical support and original validation data for this product please contact:

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

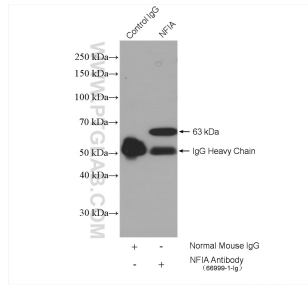
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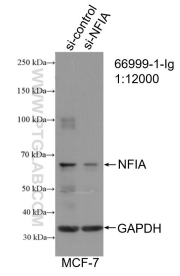
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 66999-1-Ig (NFIA antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



IP result of anti-NFIA (IP:66999-1-Ig, 5ug; Detection:66999-1-Ig 1:500) with HeLa cells lysate 1600 ug.



WB result of NFIA antibody (66999-1-Ig; 1:12000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NFIA transfected MCF-7 cells.