

Nur für Forschungszwecke

nucleobindin 1 Polyklonaler Antikörper



Katalog-Nr.:10228-1-AP

1 Publikationen

Allgemeine Informationen

Katalog-Nr.:
10228-1-AP

Größe:
150ul , Konzentration: 600 µg/ml von
Nanodrop und 353 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG0290

GenBank-Zugangsnummer:
BC002356

GeneID (NCBI):
4924

Vollständiger Name:
nucleobindin 1

Berechnete Masse:
55 kDa

Beobachtete Masse:
63 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000
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

Zitierte Arten:

Maus

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

Positivkontrollen:

WB : MCF7 cells, A431-Zellen, HeLa-Zellen, HepG2-Zellen

IP : HepG2-Zellen,

IHC : humanes Hirngewebe,

IF : HepG2-Zellen, Maushirngewebe

Hintergrundinformationen

Nucleobindin-1 (NUCB1), also known as Calnuc, is a highly conserved, multifunctional protein widely expressed in tissues and cells. It has been proposed to contain both calcium- and DNA-binding motifs, including two EF-hands, a basic amino-acid-rich region and a leucine zipper. Western blotting revealed a band at approximately 63 kDa, corresponding to the expected size of the NUCB1 protein (PMID: 15255074)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Saad Fawzy A FA	20556378	Int Orthop	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

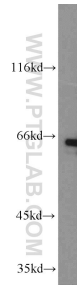
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

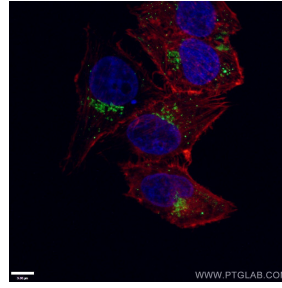
E: proteintech@ptglab.com
W: ptglab.com

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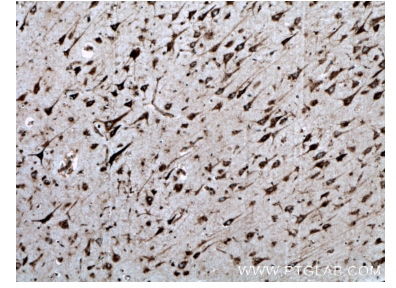
Ausgewählte Validierungsdaten



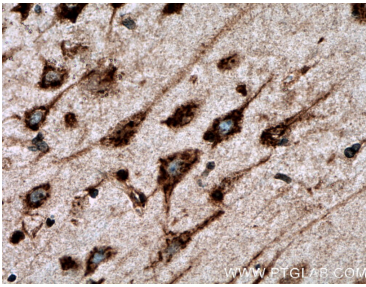
MCF7 cells were subjected to SDS PAGE followed by western blot with 10228-1-AP (nucleobindin 1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



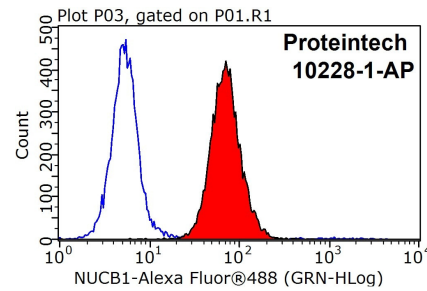
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 10228-1-AP (nucleobindin 1 antibody) at dilution of 1:50 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



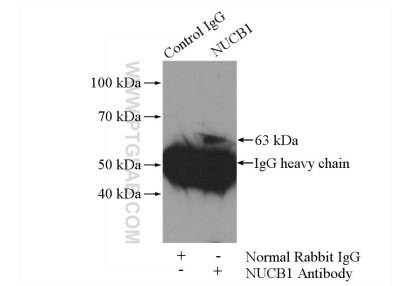
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 10228-1-AP (nucleobindin 1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 10228-1-AP (nucleobindin 1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 HepG2 cells were stained with 0.2ug nucleobindin 1 antibody (10228-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



IP Result of anti-nucleobindin 1 (IP:10228-1-AP, 4ug; Detection:10228-1-AP 1:1000) with HepG2 cells lysate 2400ug.