

Nur für Forschungszwecke

NUP98-NUP96 Polyklonaler Antikörper



Katalog-Nr.:12329-1-AP

2 Publikationen

Allgemeine Informationen

Katalog-Nr.:
12329-1-AP

Größe:
150ul, Konzentration: 500 µg/ml von
Nanodrop und 267 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG3016

GenBank-Zugangsnummer:
BC012906

GeneID (NCBI):
4928

Vollständiger Name:
nucleoporin 98kDa

Berechnete Masse:
98 kDa

Beobachtete Masse:
105 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:4000
IP 0.5-4.0 µg für IP und 1:500-1:2000
für WB
IHC 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human

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 : COLO 320-Zellen, HeLa-Zellen, Jurkat-Zellen, K-562-Zellen, MCF-7-Zellen

IP : COLO 320-Zellen,

IHC : humanes Mammakarzinomgewebe,

Hintergrundinformationen

Nup98-Nup96 (also known as Nup196, ADIR2 or ADAR2), encoded by NUP98 gene, is a component of the nuclear pore complex (NPC). It is first synthesized as 186-198 kDa Nup98-Nup96 precursors and the precursors shortly undergo autoproteolysis to give rise to two nucleoporins, the amino-terminal Nup98 (Nup98-N) and carboxy-terminal Nup96 (Nup96-C). Both of Nup98 and Nup96 are localized to the nucleoplasmic side of the NPC. This antibody was raised against the carboxy-terminal region of Nup98-Nup96, it recognizes all Nup98-Nup96 proteins except Nup98-N. Since the autoproteolysis is very rapid this antibody usually detected 98-115 kDa Nup96 protein in multiple cell lines. It is notable that RNA-editing deaminase 1 (Gene ID: 104), also named ADAR2, is a different protein from Nup98-Nup96 (ADAR2).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Zhixiong Liu	30876848	Neuron	WB
Tatyana A Shelkovich	31875556	Cell Rep	IF

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

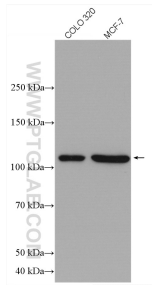
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

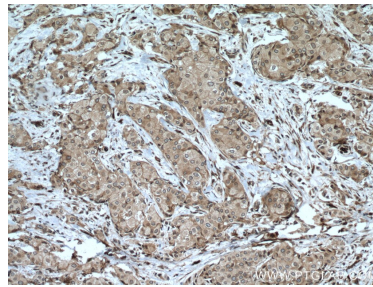
E: proteintech@ptglab.com
W: ptglab.com

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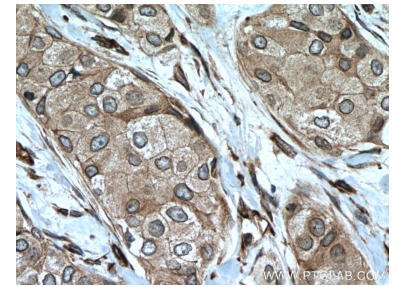
Ausgewählte Validierungsdaten



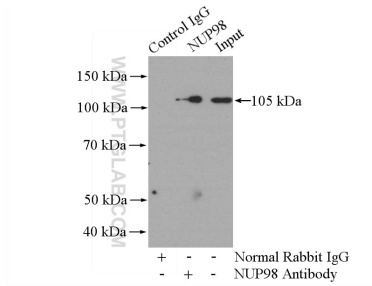
Various lysates were subjected to SDS PAGE followed by western blot with 12329-1-AP (NUP98-NUP96 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12329-1-AP (NUP98-NUP96 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 breast cancer tissue slide using 12329-1-AP (NUP98-NUP96 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-NUP98-NUP96 (IP:12329-1-AP, 4ug; Detection:12329-1-AP 1:1000) with COLO 320 cells lysate 2000ug.