# antibodies -online.com







# anti-NUP98 antibody (AA 965-1110)



# **Images**



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Background:

Quantity:	100 μg
Target:	NUP98
Binding Specificity:	AA 965-1110
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUP98 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Immunofluorescence (IF)
Product Details	
Immunogen:	Recombinant Human Nuclear pore complex protein Nup98-Nup96 protein (965-1110AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified
Target Details	
Target:	NUP98
Alternative Name:	NUP98 (NUP98 Products)

Background: Plays a role in the nuclear pore complex (NPC) assembly and/or maintenance.

Nup98 and Nup96 are involved in the bidirectional transport across the NPC. May anchor

MILID1ED and	TPR to the NPC	
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Aliases: 96 kDa nucleoporin antibody, 98 kDa nucleoporin antibody, ADAR2 antibody, ADIR2 antibody, GLFG-repeat containing nucleoporin antibody, Nuclear pore complex protein Nup96 antibody, Nuclear pore complex protein Nup98 Nup96 antibody, Nucleoporin 98kD antibody, nucleoporin 98 kDa antibody, Nucleoporin Nup96 antibody, Nucleoporin Nup98 antibody, NuP98 antibody, NuP98 antibody, Nup98-Nup96 antibody, NuP98\_HUMAN antibody

UniProt: P52948

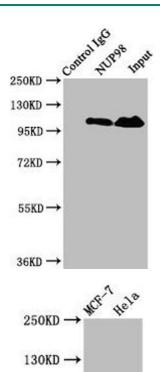
Pathways: Stem Cell Maintenance, Protein targeting to Nucleus, SARS-CoV-2 Protein Interactome

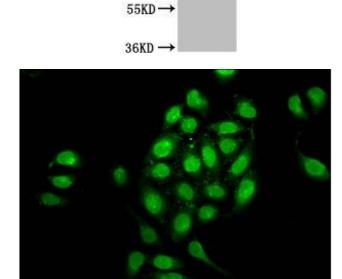
### **Application Details**

Application Notes:	Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200, IP:1:200-1:2000,
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.





95KD →

 $72KD \rightarrow$ 

#### **Western Blotting**

**Image 1.** Immunoprecipitating NUP98 in Jurkat whole cell lysate Lane 1: Rabbit control IgG instead of ABIN7161832 in Jurkat whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000) Lane 2: ABIN7161832 (8  $\mu$ g) + Jurkat whole cell lysate (500  $\mu$ g) Lane 3: Jurkat whole cell lysate (20  $\mu$ g)

#### **Western Blotting**

Image 2. Western Blot Positive WB detected in: MCF-7 whole cell lysate, Hela whole cell lysate All lanes: NUP98 antibody at 3.2 μg/mL Secondary Goat polyclonal to rabbit lgG at 1/50000 dilution Predicted band size: 198, 188, 98, 97, 196, 187 kDa Observed band size: 105 kDa

#### **Immunofluorescence**

Image 3. Immunofluorescence staining of A549 cells with ABIN7161832 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).