DATASHEET

NUP98 Rabbit Polyclonal Antibody

CAT. NO. APA13799

KEY FEATURES

Target	NUP98	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

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 assembly and/or maintenance. NUP98 and NUP96 are involved in the bidirectional transport across the NPC . May anchor NUP153 and TPR to the NPC. In cooperation with DHX9, plays a role in transcription and alternative splicing activation of a subset of genes . Involved in the localization of DHX9 in discrete intranuclear foci (GLFG-body) .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to NUP98
Specificity	Recognizes endogenous levels of NUP98 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human NUP98
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 96; Observed: 105 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	ADAR2; Nuclear pore complex protein Nup98-Nup96
Gene Symbol	NUP98
Entrez Gene	4928(Human)
SwissProt	P52948(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

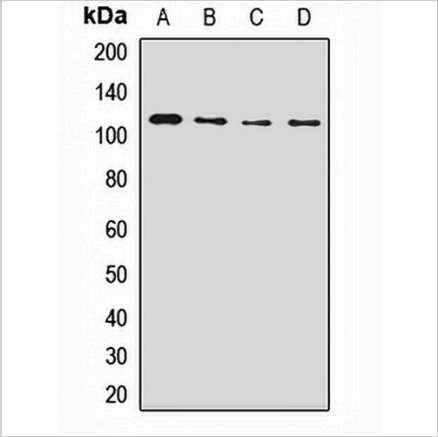
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

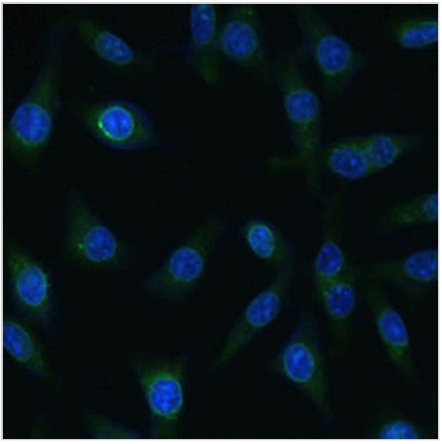
NUP98 Rabbit Polyclonal Antibody

CAT. NO. APA13799

DATA



Western blot analysis of NUP98 expression in A549 (A), Hela (B), Jurkat (C), HL60 (D) whole cell lysates. (Predicted band size: 96; 97; 186; 187; 195; 197 kD; Observed band size: 105 kD)



Immunofluorescent analysis of NUP98 staining in L929 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AREX® Fluor 488 -conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.