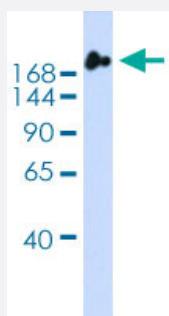


NUP98 polyclonal antibody

Catalog # PAB29875 Size 100 uL

Applications

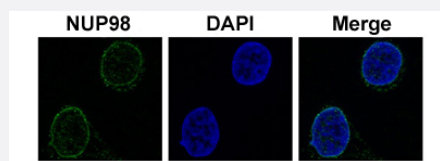


Western Blot (Transfected lysate)

Western blot analysis of NUP98 transfected HEK 293T cell lysate with NUP98 polyclonal antibody (Cat # PAB29875).

Immunofluorescence

Immunofluorescent staining of HeLa cell with NUP98 polyclonal antibody (Cat # PAB29875).



Specification

Product Description	Rabbit polyclonal antibody raised against partial synthetic protein of human NUP98.
Immunogen	A synthetic peptide corresponding to amino acids 36-85 of human NUP98.
Sequence	AFGTSAFGSSNNTGGLFGNSQTKPGGLFGTSSFSQPATSTSTGFGFGTST
Host	Rabbit
Theoretical MW (kDa)	196
Reactivity	Human
Form	Liquid

Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1:250) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (2% sucrose, 0.09% sodium azide).
Storage Instruction	Store at 4°C for up to 1 week. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis of NUP98 transfected HEK 293T cell lysate with NUP98 polyclonal antibody (Cat # PAB29875).

- Immunofluorescence

Immunofluorescent staining of HeLa cell with NUP98 polyclonal antibody (Cat # PAB29875).

Gene Info — NUP98

Entrez GeneID	4928
Protein Accession#	P52948
Gene Name	NUP98
Gene Alias	ADIR2, NUP196, NUP96
Gene Description	nucleoporin 98kDa
Omim ID	601021
Gene Ontology	Hyperlink

Gene Summary

Signal-mediated nuclear import and export proceed through the nuclear pore complex (NPC), which is comprised of approximately 50 unique proteins collectively known as nucleoporins. The 98 kD nucleoporin is generated through a biogenesis pathway that involves synthesis and proteolytic cleavage of a 186 kD precursor protein. This cleavage results in the 98 kD nucleoporin as well as a 96 kD nucleoporin, both of which are localized to the nucleoplasmic side of the NPC. Rat studies show that the 98 kD nucleoporin functions as one of several docking site nucleoporins of transport substrates. The human gene has been shown to fuse to several genes following chromosome translocations in acute myelogenous leukemia (AML) and T-cell acute lymphocytic leukemia (T-ALL). This gene is one of several genes located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. Alternative splicing of this gene results in several transcript variants; however, not all variants have been fully described. [provided by RefSeq]

Other Designations

GLFG-repeat containing nucleoporin|Nup98-Nup96|OTTHUMP00000013819|OTTHUMP00000013967|nucleoporin 98kD

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)