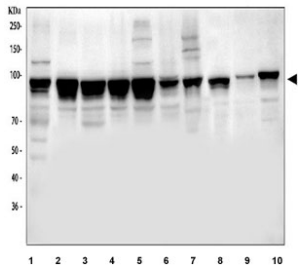
NUP98 Antibody (R31715)

Catalog No.	Formulation	Size
R31715	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat, Monkey
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	4928
Applications	Western blot: 0.5-1ug/ml
Limitations	This NUP98 antibody is available for research use only.



Western blot testing of 1) human HeLa, 2) human K562, 3) human MCF7, 4) human COLO-320, 5) human HepG2, 6) human HaCaT, 7) monkey COS-7, 8) rat NRK, 9) mouse lung and 10) mouse NIH 3T3 cell lysate with NUP98. Predicted molecular weight ~98 kDa.

Description

Nuclear pore complex protein Nup98 is a protein that in humans is encoded by the NUP98 gene. This gene is one of several genes located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. NUP98 is a peripheral nucleoporin located at both the cytoplasmic and nuclear sides of the central channel of the NPC. Its phosphorylation is critical for NPC disassembly at the onset of mitosis. It plays roles in gene expression, mitotic checkpoint, and pathogenesis. Ligand blot analysis suggested that NUP98 can function as a docking protein for cytosol-mediated docking of import substrates. In addition to that, it is a target of the vesicular stomatitis virus M protein-mediated inhibition of mRNA nuclear export.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the NUP98 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 549-880) was used as the immunogen for this NUP98 antibody.

Storage

After reconstitution, the NUP98 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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