

NUP98

Reactivity: Human Mouse

Tested applications: WB

Recommended Dilution: WB 1:1000 - 1:2000

Calculated MW: 98kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human NUP98

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ADIR2; NUP196; NUP96

Catalog #: A0530

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 4928

Isotype: IgG

Swiss Prot: P52948

Purity: Affinity purification

For research use only.

Background:

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).

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