

NUP98 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP6817b**Specification**

NUP98 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P52948](#)**NUP98 Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 4928

Other Names

Nuclear pore complex protein Nup98-Nup96, Nuclear pore complex protein Nup98, 98 kDa nucleoporin, Nucleoporin Nup98, Nup98, Nuclear pore complex protein Nup96, 96 kDa nucleoporin, Nucleoporin Nup96, Nup96, NUP98, ADAR2

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6817b](/products/AP6817b) was selected from the C-term region of human NUP98. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NUP98 Antibody (C-term) Blocking Peptide - Protein InformationName NUP98 ([HGNC:8068](#))

Synonyms ADAR2

Function

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 (PubMed:[33097660](http://www.uniprot.org/citations/33097660)). 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 (PubMed:[28221134](http://www.uniprot.org/citations/28221134)). Involved in the localization of DHX9 in discrete intranuclear foci (GLFG-body) (PubMed:[28221134](http://www.uniprot.org/citations/28221134)).

Cellular Location

Nucleus membrane; Peripheral membrane protein; Nucleoplasmic side Nucleus, nuclear pore complex. Nucleus, nucleoplasm Note=Localized to the nucleoplasmic side of the nuclear pore complex (NPC), at or near the nucleoplasmic basket (PubMed:11839768) Dissociates from the disassembled NPC structure early during prophase of mitosis (PubMed:12802065). Colocalized with NUP153 and TPR to the nuclear basket of NPC (PubMed:11839768). Colocalized with DHX9 in diffuse and discrete intranuclear foci (GLFG-body) (PubMed:11839768, PubMed:28221134).

NUP98 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

NUP98 Antibody (C-term) Blocking Peptide - Images**NUP98 Antibody (C-term) Blocking Peptide - Background**

Nup98 plays a role in the bidirectional transport across the nucleoporin complex (NPC). The repeat domain in Nup98 has a direct role in the transport.

NUP98 Antibody (C-term) Blocking Peptide - References

Nousiainen,M., et.al., Proc. Natl. Acad. Sci. U.S.A. 103 (14), 5391-5396 (2006)