

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

Protein Information**Name** NUP98**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. 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). Involved in the localization of DHX9 in discrete intranuclear foci (GLFG-body) (PubMed: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). Remains localized to the nuclear membrane after poliovirus (PV) infection (PubMed:11106761)

**NUP98 Antibody (C-term) Blocking Peptide
- Protocols**

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

- [Blocking Peptides](#)