

# NUP98 Antibody

Rabbit mAb

Catalog # AP90489

## Product Information

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<b>Application</b>	WB, IHC, IF, ICC, IHF
<b>Primary Accession</b>	<a href="#">P52948</a>
<b>Reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	ADAR2; Nup98; Nucleoporin Nup98; NUP96; Nucleoporin Nup96; ADIR2;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	197579

## Additional Information

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<b>Dilution</b>	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human NUP98
<b>Description</b>	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.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Protein Information

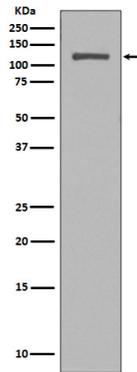
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<b>Name</b>	NUP98 ( <a href="#">HGNC:8068</a> )
<b>Synonyms</b>	ADAR2
<b>Function</b>	Plays a role in the nuclear pore complex (NPC) assembly and/or maintenance. NUP98 and NUP96 are involved in the bidirectional transport across the NPC (PubMed: <a href="#">33097660</a> ). 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: <a href="#">28221134</a> ). Involved in the localization of DHX9 in discrete intranuclear foci (GLFG-body) (PubMed: <a href="#">28221134</a> ).
<b>Cellular Location</b>	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).

## Images

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Western blot analysis of NUP98 expression in HeLa cell lysate.

Image not found : 202311/AP90489-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human testis, using NUP98 Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.