

Anti-NUP98 Rabbit Monoclonal Antibody
Catalog # ABO13642**Specification****Anti-NUP98 Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC, IF, ICC
Primary Accession	P52948
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-NUP98 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human.

Anti-NUP98 Rabbit Monoclonal Antibody - Additional Information

Gene ID 4928

Other Names

Nuclear pore complex protein Nup98-Nup96, 3.4.21.-, Nuclear pore complex protein Nup98, 98 kDa nucleoporin, Nucleoporin Nup98, Nup98, Nuclear pore complex protein Nup96, 96 kDa nucleoporin, Nucleoporin Nup96, Nup96, NUP98 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=8068), ADAR2

Calculated MW

197579 MW KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200

Subcellular Localization

Nucleus. Nucleus membrane; Peripheral membrane protein; Nucleoplasmic side. Nucleus, nuclear pore complex. Nup96 is localized to the nucleoplasmic side of the nuclear pore complex (NPC), at or near the nucleoplasmic basket. Dissociates from the disassembled NPC structure early during prophase of mitosis. Colocalized with NUP153 and TPR to the nuclear basket of NPC. Detected in diffuse and discrete intranuclear foci. Remained localized to the nuclear membrane after poliovirus (PV) infection.

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human NUP98

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-NUP98 Rabbit Monoclonal Antibody - Protein Information

Name 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). 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

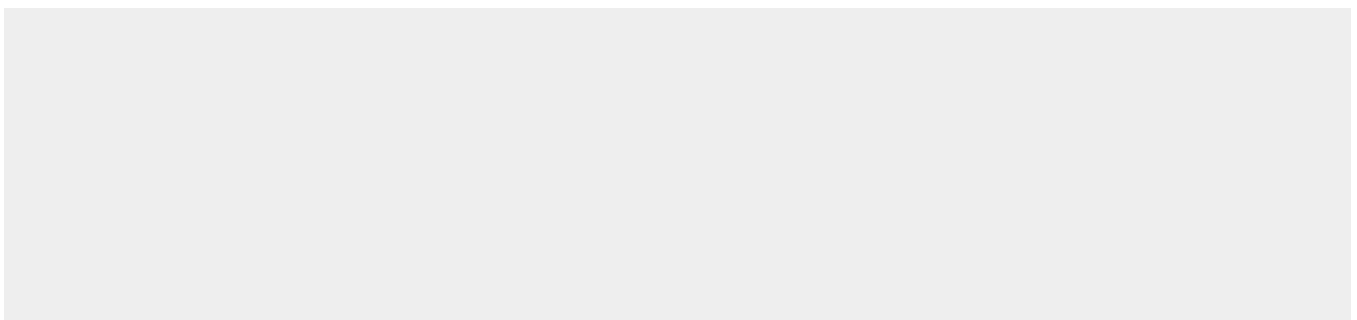
Nucleus membrane; Peripheral membrane protein; Nucleoplasmic side Nucleus, nuclear pore complex. Nucleus, nucleoplasm Note=Localized to the nucleoplasmic side of the nuclear pore complex (NPC), at or near the nucleoplasmic basket (PubMed:11839768) Dissociates from the disassembled NPC structure early 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).

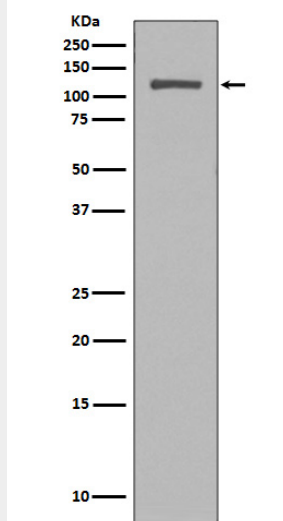
Anti-NUP98 Rabbit Monoclonal Antibody - Protocols

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

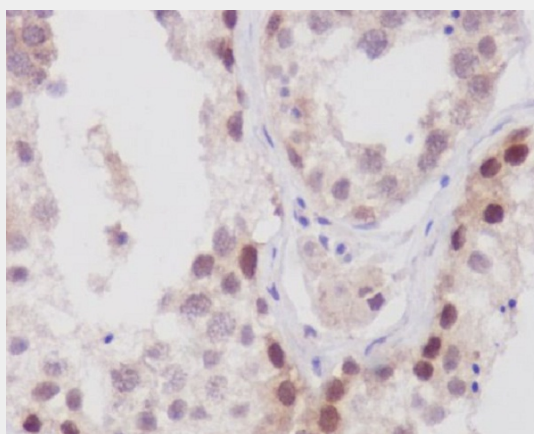
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-NUP98 Rabbit Monoclonal Antibody - Images





Western blot analysis of NUP98 expression in HeLa cell lysate.



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