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NUP98 Antibody
Purified Mouse Monoclonal Antibody (Mab)
Catalog # AP52748

Specification

NUP98 Antibody - Product Information

Application	**IP, WB**
Primary Accession	P52948
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**98 KDa**

NUP98 Antibody - Additional Information

Gene ID 4928

Other Names
96 kDa nucleoporin;98 kDa nucleoporin;ADAR2;ADIR2;GLFG-repeat containing nucleoporin; Nuclear pore complex protein Nup96;Nuclear pore complex protein Nup98 Nup96;Nucleoporin 98kD;nucleoporin 98kDa;Nucleoporin Nup96;Nucleoporin Nup98;NUP196;NUP96;Nup98;Nup98-Nup96;NUP98_HUMAN.

Dilution
IP~~1:500
WB~~1:1000

Format
Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.09% (W/V) sodium azide, 50% glycerol

Storage
Store at -20 °C.Stable for 12 months from date of receipt

NUP98 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).

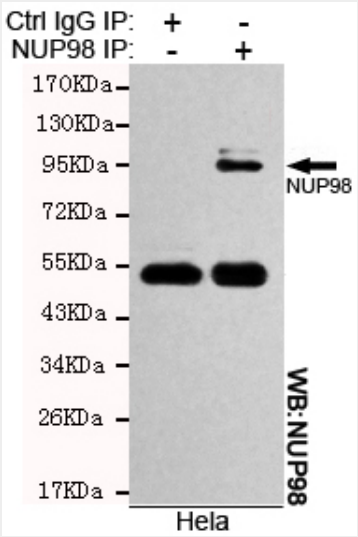
Cellular Location
Nucleus membrane; Peripheral membrane protein; Nucleoplasmic side Nucleus, nuclear pore complex. Nucleus, nucleoplasm Note=Localized to the nucleoplasmic side of the nuclear pore complex (NPC), at or near the nucleoplasmic basket (PubMed:11839768) Dissociates from the dissasembled NPC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

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

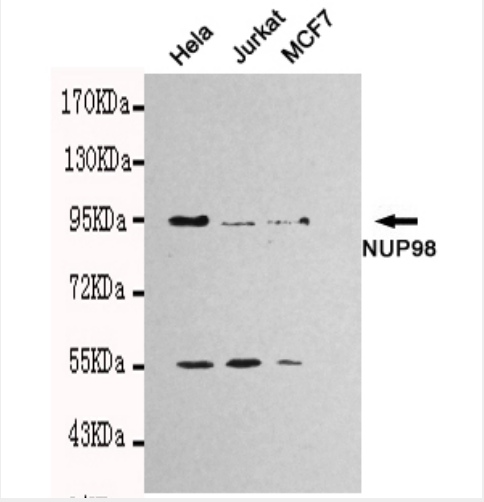
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NUP98 Antibody - Images



Immunoprecipitation analysis of Hela cell lysates using NUP98 mouse mAb.

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Western blot detection of NUP98 in Hela,Jurkat and MCF7 cell lysates using NUP98 mouse mAb (1:1000 diluted).Predicted band size: 98kDa.Observed band size: 98kDa.

NUP98 Antibody - Background

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.

NUP98 Antibody - References

Borrow J.,et al.Nat. Genet. 12:159-167(1996).
Arai Y.,et al.Submitted (MAR-2000) to the EMBL/GenBank/DDBJ databases.
Fontoura B.M.A.,et al.J. Cell Biol. 144:1097-1112(1999).
Borrow J.,et al.Submitted (FEB-2000) to the EMBL/GenBank/DDBJ databases.
Taylor T.D.,et al.Nature 440:497-500(2006).