

Anti-NUP98 Rabbit Monoclonal Antibody

Catalog # ABO13642

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.

Additional Information

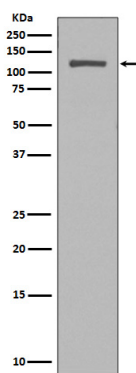
Gene ID	4928
Other Names	Nuclear pore complex protein Nup98-Nup96, 3.4.21.-, Nuclear pore complex protein Nup98, 98 kDa nucleoporin, Nucleoporin Nup98, Nup98, Nuclear pore complex protein Nup96, 96 kDa nucleoporin, Nucleoporin Nup96, Nup96, NUP98 (HGNC:8068), ADAR2
Calculated MW	197579
Application Details	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.
Source	Eukaryota
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.
Clone Names	Clone: DFE-14
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.

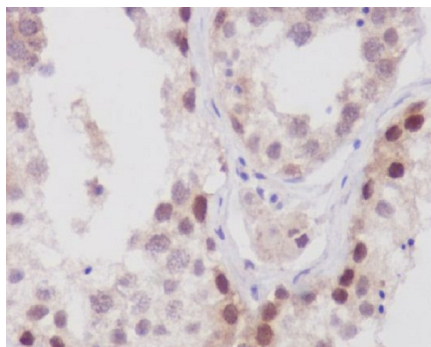
Protein Information

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).

Images



Western blot analysis of NUP98 expression in HeLa cell lysate.



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

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