

ARG54088 anti-NUP98 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes NUP98
Tested Reactivity	Hu
Tested Application	IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	NUP98
Species	Human
Immunogen	Purified recombinant human NUP98 protein fragments expressed in E.coli.
Conjugation	Un-conjugated
Alternate Names	NUP196; Nuclear pore complex protein Nup98-Nup96; ADIR2; Nup98; Nup96; NUP96; 98 kDa nucleoporin; Nucleoporin Nup98; Nucleoporin Nup96; 96 kDa nucleoporin

Application Instructions

Application table	Application	Dilution
	IP	Assay-dependent
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	98 kDa	

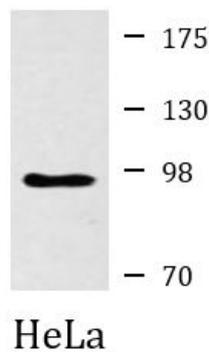
Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.1M Tris-Glycine (pH 7.4), 150 mM NaCl, 0.2% Sodium azide and 50% Glycerol
Preservative	0.2% Sodium azide
Stabilizer	50% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

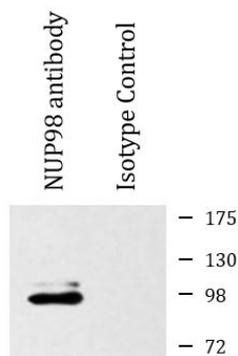
Database links	GeneID: 4928 Human Swiss-port # P52948 Human
Gene Symbol	NUP98
Gene Full Name	nucleoporin 98kDa
Background	Nup98 and Nup96 play a role in the bidirectional transport across the nucleoporin complex (NPC). The repeat domain in Nup98 has a direct role in the transport.
Function	Plays a role 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. [UniProt]
Research Area	Gene Regulation antibody; Signaling Transduction antibody
Calculated Mw	198 kDa
PTM	Isoform 1 to isoform 4 are autoproteolytically cleaved to yield Nup98 and Nup96 or Nup98 only, respectively (PubMed:10087256, PubMed:20407419, PubMed:12191480, PubMed:18287282). Cleaved Nup98 is necessary for the targeting of Nup98 to the nuclear pore and the interaction with Nup96 (PubMed:20407419, PubMed:12191480). Proteolytically degraded after poliovirus (PV) infection; degradation is partial and NCP- and TPR-binding domains withstand degradation.
Cellular Localization	Nucleus, nuclear pore complex. Nucleus membrane; Peripheral membrane protein; Nucleoplasmic side.

Images



ARG54088 anti-NUP98 antibody WB image

Western blot: HeLa cell lysate stained with ARG54088 anti-NUP98 antibody at 1:1000 dilution.



ARG54088 anti-NUP98 antibody IP image

Immunoprecipitation: HeLa cell lysates were immunoprecipitated and stained with ARG54088 anti-NUP98 antibody.