

NUP98 recombinant antibody

NUP98 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA244020	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

NUP98; Monoclonal Recombinant Antibody; NUP98 Antibody; Nuclear pore complex protein Nup98-Nup96 (EC 3.4.21.-) [Cleaved into: Nuclear pore complex protein Nup98 (98 kDa nucleoporin) (Nucleoporin Nup98) (Nup98); Nuclear pore complex protein Nup96 (96 kDa nucleoporin) (Nucleoporin Nup96) (Nup96)]; ADAR2; NUP98 recombinant antibody

PRODUCT SPECIFICATIONS

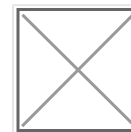
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	2H4
Purity/Purification	Affinity-chromatography
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, PH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for NUP98 recombinant antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antibody Type	Recombinant Antibody
Conjugation	Non-conjugated
Immunogen	A synthesized peptide derived from human NUP98
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa Cells at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% TritonX-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG ?H+L?.



IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)

Western BlotPositive WB detected in: K562 whole cell lysate, HeLa whole cell lysateAll lanes:
NUP98 antibody at 1:1000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted
band size: 198, 188, 98, 97, 196, 187 kDaObserved band size: 100 kDa

ADDITIONAL INFORMATION

Related Product Information for NUP98 recombinant antibody	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.
Product Categories/Family for NUP98 recombinant antibody	Epigenetics and Nuclear Signaling; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	56549645
NCBI GeneID	4928
NCBI Accession #	NP_624358.2
NCBI GenBank Nucleotide #	NM_139132.3
UniProt Accession #	P52948; Q8IUT2; Q8WYB0; Q96E54; Q9H3Q4; Q9NT02; Q9UF57; Q9UHX0; Q9Y6J4; Q9Y6J5
Molecular Weight	197,579 Da
NCBI Official Full Name	nuclear pore complex protein Nup98-Nup96 isoform 4
NCBI Official Synonym Full Names	nucleoporin 98kDa
NCBI Official Symbol	NUP98
NCBI Official Synonym Symbols	ADIR2; NUP96; NUP196
NCBI Protein Information	nuclear pore complex protein Nup98-Nup96; nucleoporin 98kD; GLFG-repeat containing nucleoporin
UniProt Protein Name	Nuclear pore complex protein Nup98-Nup96
UniProt Gene Name	NUP98
UniProt Synonym Gene Names	ADAR2; Nup98; Nup96
UniProt Entry Name	NUP98_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.