

Product Datasheet

Nup53 Antibody - BSA Free

NB100-93322

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-93322

Nup53 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

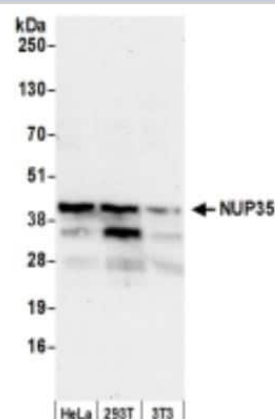
Product Description	
Host	Rabbit
Gene ID	129401
Gene Symbol	NUP35
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 276 and 376 of human nucleoporin 35kDa using the numbering given in entry NP_612142.2 (GeneID 129401).

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:500 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:250- 1:1000, Immunoprecipitation 2 - 10 ug/mg lysate, Immunohistochemistry-Paraffin 1:500 - 1:2000
Application Notes	Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. Nup53 antibody validated for ICC/IF from a verified customer review.

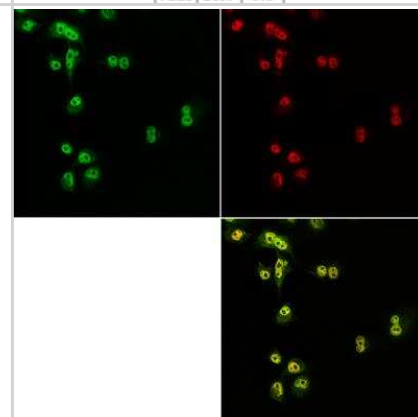


Images

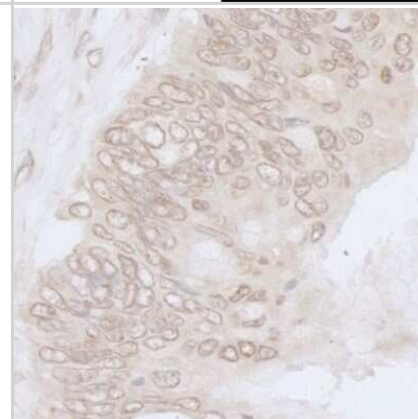
Western Blot: Nup53 Antibody [NB100-93322] - Whole cell lysate (50 ug) from HeLa, 293T, and mouse NIH3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-NUP35 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



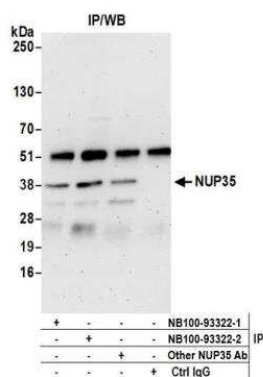
Immunocytochemistry/Immunofluorescence: Nup53 Antibody [NB100-93322] - Showing nuclear co-localization with p300 in PANC-1 cells using anti-Nup53 antibody (green). Image submitted by a verified customer review.



Immunohistochemistry-Paraffin: Nup53 Antibody [NB100-93322] - Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti- NUP35 used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



Immunoprecipitation: Nup53 Antibody [NB100-93322] - Detection of human NUP35 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-NUP35 antibody NB100-93322 (lot NB100-93322-2) used for IP at 6 ug per reaction. NUP35 was also immunoprecipitated by a previous lot of this antibody (lot NB100-93322-1) and another rabbit anti-NUP35 antibody. For blotting immunoprecipitated NUP35, NB100-93322 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Publications

Moschonas GD, Delhay L, Cooreman R, Hüsters F et Al. MX2 forms nucleoporin-comprising cytoplasmic biomolecular condensates that lure viral capsids Cell Host Microbe 2024-10-10 [PMID: 39389033]

Rossi A, Coum A, Madelenat M, et al. Neural stem cells alter nucleocytoplasmic partitioning and accumulate nuclear polyadenylated transcripts during quiescence bioRxiv 2021-01-07 (WB)

Funakoshi T, Clever M, Watanabe A et al. Localization of Pom121 to the inner nuclear membrane is required for an early step of interphase nuclear pore complex assembly. Mol Biol Cell 2011-04-01 [PMID: 21289085]





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Products Related to NB100-93322

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-92212PEP	Nup53 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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