

Product Datasheet

Nup153 Antibody NB100-93329

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB100-93329

Nup153 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

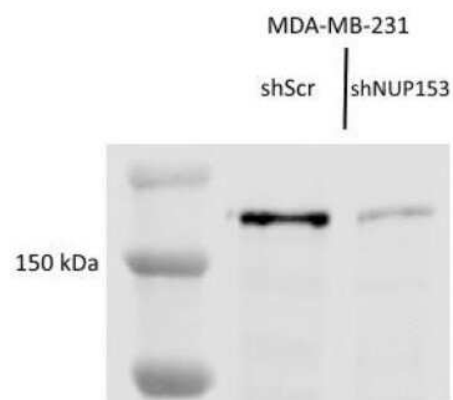
Product Description	
Host	Rabbit
Gene ID	9972
Gene Symbol	NUP153
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 50 and 100 of human nucleoporin 153kDa using the numbering given in entry NP_005115.2 (GeneID 9972).

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockout Validated
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunocytochemistry/ Immunofluorescence 1:100 to 1:500, Immunoprecipitation 2-5 ug/mg lysate, Knockout Validated
Application Notes	Formaldehyde fixation is recommended. Permeabilization with Triton-X 100 is recommended for formaldehyde-fixed cells. Nup153 antibody validated for WB from a verified customer review.

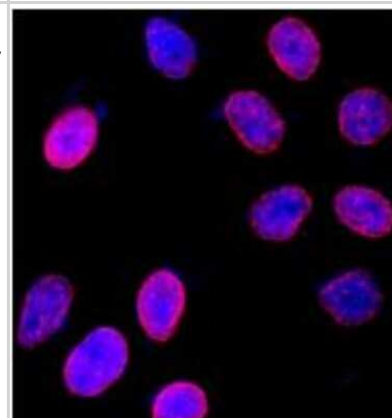


Images

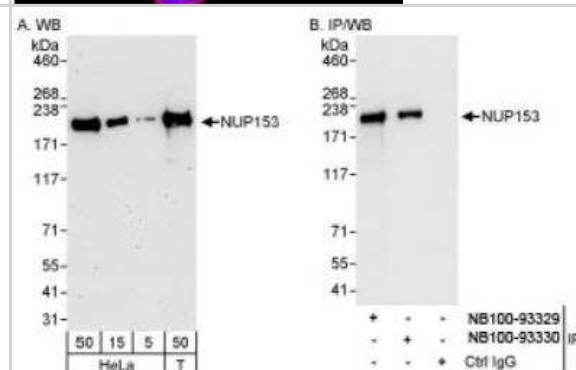
Western Blot: Nup153 Antibody [NB100-93329] - Knockdown of NUP153 in MDA-MB-231 breast cancer cells. Lane 1: ladder. Lane 2: Scramble Control Lane 3: NUP153 knockdown. Substantially reduced protein detection in knockdown sample and not in scramble control reflect antibody's unique specificity for Nup153. Image submitted by a verified customer review.



Immunocytochemistry/Immunofluorescence: Nup153 Antibody [NB100-93329] - Formaldehyde-fixed asynchronous HeLa cells. Antibody: Affinity purified rabbit anti-NUP153 used at a dilution of 1:200 (1ug/ml). Detection: Red-fluorescent goat anti-rabbit IgG highly cross adsorbed Antibody used at a dilution of 1:100.



Western Blot: Nup153 Antibody [NB100-93329] - Detection of Human NUP153 on HeLa whole cell lysate using NB100-9329. NUP153 was also immunoprecipitated by rabbit anti-NUP153 antibody NB100-9330.



Publications

Znaidi R, Massiani-Beaudoin O, Mailly P et al. Nuclear translocation of LINE-1 encoded ORF1p alters nuclear envelope integrity and disrupts nucleocytoplasmic transport in neurons bioRxiv 2023-08-14 (ICC/IF, Human)

Wei G, Iqbal N, Courouble VV et al. Prion-like low complexity regions enable avid virus-host interactions during HIV-1 infection Nature Communications 2022-10-06 [PMID: 36202818] (Western Blot)

Fiserova J, Maninova M, Sieger T et al. Nuclear pore protein TPR associates with lamin B1 and affects nuclear lamina organization and nuclear pore distribution Cell. Mol. Life Sci. 2019-02-14 [PMID: 30762072] (WB, Human)

Wan G, Zhang X, Langley RR et al. DNA-Damage-Induced Nuclear Export of Precursor MicroRNAs Is Regulated by the ATM-AKT Pathway. Cell Rep 2013-06-27 [PMID: 23791529] (WB, Human)



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Products Related to NB100-93329

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-81724PEP	Nup153 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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