

Rabbit anti-Human NUP153 Polyclonal Antibody | anti-NUP153 antibody

Rabbit anti-NUP153 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211632	Rabbit	Human	Immunocytochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

NUP153; Polyclonal Antibody; Rabbit anti-NUP153 Antibody; Affinity Purified; HNUP153; nucleoporin 153kDa; nucleoporin Nup153; nucleoporin 153kD; N153; 153 kDa nucleoporin; nuclear pore complex protein Nup153; nuclear pore complex protein hnup153; Nuclear pore complex protein Nup153; nucleoporin 153; anti-NUP153 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-NUP153 antibody	ICC (Immunocytochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 50 and 100
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human NUP153 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 ug) cells. Antibody: Affinity purified rabbit anti-NUP153 antibody AAA211632 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. NUP153 was also immunoprecipitated by rabbit anti-NUP153 antibody which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 1 second (B).



ICC (Immunocytochemistry)

Detection of human NUP153 by immunocytochemistry. Sample: Formaldehyde-fixed asynchronous HeLa cells. Antibody: Affinity purified rabbit anti-NUP153 (Cat. No.AAA211632 Lot1) 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.

ADDITIONAL INFORMATION

Related Product Information for anti-NUP153 antibody

The nuclear pore complex (NPC) is a structure that spans the nuclear envelope and provides a conduit between the nucleus and cytoplasm for the nucleocytoplasmic transport of macromolecules. The main components of the NPC are nucleoporins. About 30 different human Nups have been identified and appear to serve non-redundant functions. Nup153 contains four RanBP2-type zinc fingers and an RNA binding domain. The zinc-fingers of Nup153 can bind the small GTPase, Ran. The RNA binding domain has been shown to have an affinity for single-stranded RNA.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24430146
NCBI GeneID	9972
NCBI Accession #	NP_005115.2
NCBI GenBank Nucleotide #	NM_005124.2
UniProt Accession #	P49790; Q5T9I7; Q4LE47; Q7Z743
Molecular Weight	153,938 Da
NCBI Official Full Name	nuclear pore complex protein Nup153
NCBI Official Synonym Full Names	nucleoporin 153kDa
NCBI Official Symbol	NUP153
NCBI Official Synonym Symbols	N153; HNUP153
NCBI Protein Information	nuclear pore complex protein Nup153; OTTHUMP00000016070; nucleoporin Nup153; 153 kDa nucleoporin; nuclear pore complex protein hnup153
UniProt Protein Name	Nuclear pore complex protein Nup153
UniProt Gene Name	NUP153
UniProt Entry Name	NU153_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nup153-antibody-immunocytochemistry-immunoprecipitation-western-blot-elisa/211632>