

NUP153 recombinant antibody

NUP153 Antibody

CATALOG # AAA244011	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

NUP153; Monoclonal Recombinant Antibody; NUP153 Antibody; Nuclear pore complex protein Nup153 (153 kDa nucleoporin) (Nucleoporin Nup153); NUP153 recombinant antibody

PRODUCT SPECIFICATIONS

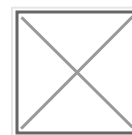
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	8D4
Purity/Purification	Affinity-chromatography
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, PH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for NUP153 recombinant antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Antibody Type	Recombinant Antibody
Conjugation	Non-conjugated
Immunogen	A synthesized peptide derived from human Nup153
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 1250, 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 breast cancer 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.

ADDITIONAL INFORMATION

Related Product Information for NUP153 recombinant antibody	Component of the nuclear pore complex (NPC), a complex required for the trafficking across the nuclear envelope. Functions as a scaffolding element in the nuclear phase of the NPC essential for normal nucleocytoplasmic transport of proteins and mRNAs. Involved in the quality control and retention of unspliced mRNAs in the nucleus; in association with TPR, regulates the nuclear export of unspliced mRNA species bearing constitutive transport element (CTE) in a NXF1- and KHDRBS1-independent manner. Mediates TPR anchoring to the nuclear membrane at NPC. The repeat-containing domain may be involved in anchoring other components of the NPC to the pore membrane. Possible DNA-binding subunit of the nuclear pore complex (NPC).
Product Categories/Family for NUP153 recombinant antibody	Epigenetics and Nuclear Signaling; Tags & Cell Markers; Signal transduction

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/monoclonal/nup153-recombinant-antibody-clone-8d4-immunofluorescence-immunohistochemistry-elisa/244011>