Nature
Biosciences

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# NUP153 Rabbit mAb [Hw4U]

**Cat NO. :A48439**

## Information:

| Applications | Reactivity: | UniProt ID: | MW(kDa) | Host | Isotype | Size |
|---|---|---|---|---|---|---|
| WB ICC/IF FC | Human | P49790 | 154kDa | Rabbit | IgG | 50ul,100ul,200ul |

## Applications detail:

| Application | Dilution |
|---|---|
| WB | 1:1000-2000 |
| ICC/IF | 1:100 |
| The optimal dilutions should be determined by the end user | |

## Conjugate:

UnConjugate

## Form:

Liquid

## sensitivity:

Endogenous

## Purification:

Affinity-chromatography

## Specificity:

Antibody is produced by immunizing animals with A synthesized peptide derived from human Nup153

## Storage buffer and conditions:

Antibody store in 10 mM PBS, 0.5mg/ml BSA, 50% glycerol（buffer）.

Shipped at 4°C. Store at-20°C or -80°C.

Products are valid for one natural year of receipt.Avoid repeated freeze / thaw cycles.

## Tissue specificity:

## Subcellular location:

Nucleus. Nucleus membrane. Nucleus, nuclear pore complex.

## Function:

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).., (Microbial

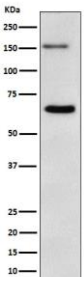
**Introduction:** **WB:** Western Blot **IP:** Immunoprecipitation **IHC:** Immunohistochemistry **ChIP:** Chromatin Immunoprecipitation **ICC/IF:** Immunocytochemistry/ Immunofluorescence **F:** Flow Cytometry

**Cross Reactivity:** **H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vir:** virus **Mi:** mink **C:** chicken **Dm** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine **Dg:** dog **Pg:** pig **Hr:** horse

infection) Interacts with HIV-1 caspid protein P24 and thereby promotes the integration of the virus in the nucleus of non-dividing cells (in vitro).., (Microbial infection) Binds HIV-2 protein vpx and thereby promotes the nuclear translocation of the lentiviral genome (in vitro)..

## Validation Data：

### NUP153 Rabbit mAb [Hw4U] Images




Western blot（SDS PAGE） analysis of extracts from K562 cell lysate.Using NUP153 Rabbit mAb [Hw4U]at dilution of 1:1000 incubated at 4℃ over night.

View more information on http://naturebios.com

**IMPORTANT:** For western blots, incubate membrane with diluted primary antibody in 1% w/v Milk, 1X TBST at 4°C overnight.