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Datasheet for ABIN7117045  
**anti-NUP153 antibody**

### Overview

Quantity:	100 µg
Target:	NUP153
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUP153 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

### Product Details

Immunogen:	nucleoporin 153kDa
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	NUP153
Alternative Name:	NUP153 ( <a href="#">NUP153 Products</a> )
Background:	Synonyms: Background: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

## Target Details

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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).

Molecular Weight: 153 kDa

Gene ID: 9972

UniProt: [P49790](#)

Pathways: [Protein targeting to Nucleus](#)

## Application Details

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Application Notes: WB: 1:500-1:2000, IP: 1:200-1:2000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months