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Datasheet for ABIN953790 anti-NUP153 antibody (N-Term)

2 Images



Overview

Quantity:	0.4 mL
Target:	NUP153
Binding Specificity:	AA 65-94, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUP153 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 65~94 amino acids from the N-terminal region of Human NUP153
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human NUP153 (N-term).
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	NUP153
Alternative Name:	NUP153 (NUP153 Products)
Background:	Nuclear pore complexes are extremely elaborate structures that mediate the regulated

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Target Details

movement of macromolecules between the nucleus and cytoplasm. These complexes are
composed of at least 100 different polypeptide subunits, many of which belong to the
nucleoporin family. Nucleoporins are pore complex-specific glycoproteins characterized by
cytoplasmically oriented O-linked N-acetylglucosamine residues and numerous repeats of the
pentapeptide sequence XFXFG. This protein has three distinct domains: a N-terminal region
within which a pore targeting domain has been identified, a central region containing multiple
zinc finger motifs, and a C-terminal region containing multiple XFXFG repeats.Synonyms: 153
kDa nucleoporin, Nuclear pore complex protein Nup153, Nucleoporin Nup153

Molecular Weight:	153938 Da
Gene ID:	9972
NCBI Accession:	NP_005115
Pathways:	Protein targeting to Nucleus

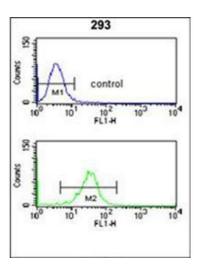
Application Details

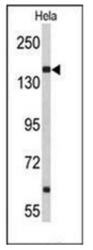
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

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Flow Cytometry

Image 1. Flow cytometry analysis of 293 cells using NUP153 Antibody (N-term) Cat.-No AP52970PU-N (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of NUP153 Antibody (N-term) in Hela cell line lysates (35ug/lane). NUP153 (arrow) was detected using the purified Pab.

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