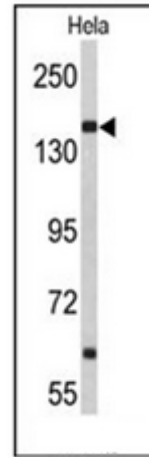


**AP52970PU-N****Polyclonal Antibody to NUP153 (N-term) - Purified**

<b>Alternate names:</b>	153 kDa nucleoporin, Nuclear pore complex protein Nup153, Nucleoporin Nup153
<b>Quantity:</b>	0.4 ml
<b>Concentration:</b>	lot specific
<b>Background:</b>	Nuclear pore complexes are extremely elaborate structures that mediate the regulated 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.
<b>Uniprot ID:</b>	<a href="#">P49790</a>
<b>NCBI:</b>	<a href="#">NP_005115</a>
<b>GeneID:</b>	<a href="#">9972</a>
<b>Host / Isotype:</b>	Rabbit / Ig
<b>Immunogen:</b>	KLH conjugated synthetic peptide between 65~94 amino acids from the N-terminal region of Human NUP153
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS <b>Buffer System:</b> PBS containing 0.09% (W/V) Sodium Azide as preservative
<b>Applications:</b>	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. <b>Flow Cytometry:</b> 1/10-1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognizes Human NUP153 (N-term).
<b>Add. Information:</b>	<b>Molecular Weight:</b> 153938 Da
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Olsen, J.V., et al., Cell 127 (3), 635-648 (2006) Ullman, K.S., et al., Mol. Biol. Cell 10 (3), 649-664 (1999)

**Pictures:**

Western blot analysis of NUP153 Antibody (N-term) Cat.-No AP52970PU-N in HeLa cell line lysates (35ug/lane). NUP153 (arrow) was detected using the purified Pab.



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.

