

Product datasheet for **AP52970PU-N**

NUP153 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Flow Cytometry: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 65~94 amino acids from the N-terminal region of Human NUP153
Specificity:	This antibody recognizes Human NUP153 (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	nucleoporin 153kDa
Database Link:	Entrez Gene 9972 Human P49790



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Background:

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.

Synonyms:

Nucleoporin Nup153

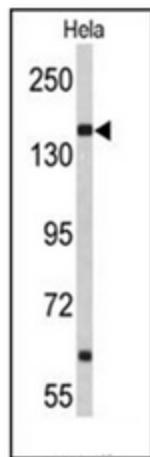
Note:

Molecular Weight: 153938 Da

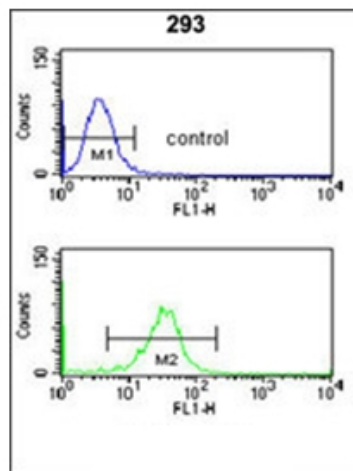
Protein Families:

Druggable Genome, Stem cell - Pluripotency

Product images:



Western blot analysis of NUP153 Antibody (N-term) 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) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.