

NUP153 Polyclonal Antibody

Catalog number: 14189-1-AP

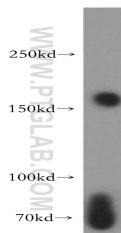
Size: 26 µg/150 µl

Source: Rabbit

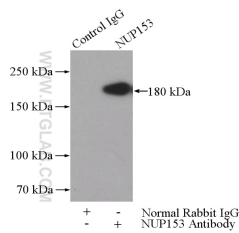
Isotype: IgG

Synonyms:

NUP153; 153 kDa nucleoporin,
HNUP153, N153, nucleoporin
153kDa, Nucleoporin Nup153,
NUP153



K-562 cells were subjected to SDS PAGE followed by western blot with 14189-1-AP (NUP153 antibody) at dilution of 1:500



IP Result of anti-NUP153 (IP:14189-1-AP, 4µg; Detection:14189-1-AP 1:500) with K-562 cells lysate 3600µg.

Background

NUP153 is an FG-repeat containing NUP, contains a high-affinity site for importin-β, localizes on the nucleoplasmic face of the nuclear pore and is required for assembly of the nuclear basket and import of a subset of nuclear proteins [PMID:18845677]. NUP153 also facilitates nuclear export of mRNA and ribonucleoprotein particles and may have additional functions within the nucleus [PMID:16195343]. The 53BP1-NUP153/importin-β pathway as an important aspect of the DDR network add to an emerging evidence of subcellular trafficking as an integral part of genome surveillance [PMID:22075984].

Applications

Tested applications:	ELISA, WB, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated NUP153 MW:	154 kDa
Observed NUP153 MW:	153 kDa
Positive WB detected in	K-562 cells, A431 cells
Positive IP detected in	K-562 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag5519
GenBank accession number:	BC052965
Gene ID (NCBI):	9972
Full name:	Nucleoporin 153kDa

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.