

NUP133 Polyclonal Antibody

Catalog number: 12405-1-AP

Size: 24 µg/150 µl

Source: Rabbit

Isotype: IgG

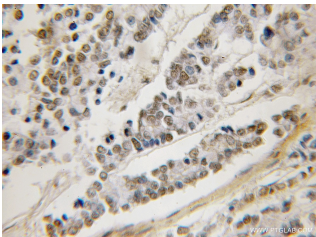
Synonyms:

NUP133; 133 kDa nucleoporin,

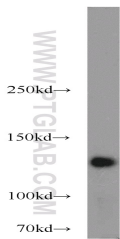
FLJ10814, hNUP133,

nucleoporin 133kDa,

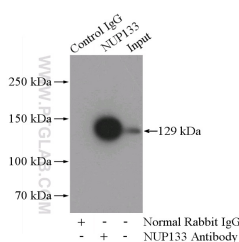
Nucleoporin Nup133, NUP133



Immunohistochemical of paraffin-embedded human colon cancer using 12405-1-AP(NUP133 antibody) at dilution of 1:50 (under 10x lens)



HeLa cells were subjected to SDS PAGE followed by western blot with 12405-1-AP(NUP133 antibody) at dilution of 1:1000



IP Result of anti-NUP133 (IP:12405-1-AP, 4µg; Detection:12405-1-AP 1:800) with HeLa cells lysate 880µg.

Background

Nuclear pore complex protein Nup133 is a protein that in humans is encoded by the NUP133 gene. The nucleoporin protein encoded by this gene displays evolutionarily conserved interactions with other nucleoporins. This protein, which localizes to both sides of the nuclear pore complex at interphase, remains associated with the complex during mitosis and is targeted at early stages to the reforming nuclear envelope. This protein also localizes to kinetochores of mitotic cells.

Applications

Tested applications:	ELISA, WB, IHC, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated NUP133 MW:	1156aa, 129 kDa
Observed NUP133 MW:	129kd
Positive WB detected in	HeLa cells, HepG2 cells
Positive IP detected in	HeLa cells
Positive IHC detected in	Human colon cancer tissue
Recommended dilution:	WB: 1:500-1:5000
	IP: 1:200-1:2000
	IHC: 1:20-1:200

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

Immunogen information

Immunogen:	Ag3100
GenBank accession number:	BC020107
Gene ID (NCBI):	55746
Full name:	Nucleoporin 133kDa

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.