

## NUP62 Polyclonal Antibody

Catalog number: 13916-1-AP

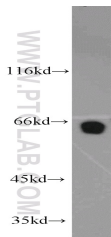
Size: 41 µg/150 µl

Source: Rabbit

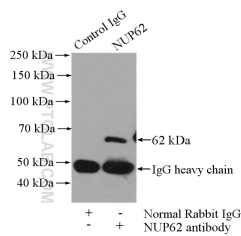
Isotype: IgG

Synonyms:

NUP62; 62 kDa nucleoporin,  
DKFZp547L134, FLJ20822,  
FLJ43869, IBSN, Nuclear pore  
glycoprotein p62, nucleoporin  
62kDa, Nucleoporin Nup62,  
NUP62, p62, SNDI



PC-3 cells were subjected to SDS PAGE followed by western blot with 13916-1-AP (NUP62 antibody) at dilution of 1:1500



IP Result of anti-NUP62 (IP:13916-1-AP, 4µg; Detection:13916-1-AP 1:1000) with NIH/3T3 cells lysate 1200µg.

### Background

NUP62 belongs to the nucleoporin NSP1/NUP62 family. It is essential component of the nuclear pore complex. The N-terminal is probably involved in nucleocytoplasmic transport. The C-terminal is probably involved in protein-protein interaction via coiled-coil formation and may function in anchorage of p62 to the pore complex. Defects in NUP62 are the cause of infantile striatonigral degeneration (SNDI). NUP62 consists of a single promoter with a CpG island and three transcribed exons. It is ubiquitously expressed, an observation compatible with its essential role in transporting cargo across the nuclear envelope. (PMID:16029492)

### Applications

Tested applications:	ELISA, WB, IP
Cited applications:	IF, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse, rat
Calculated NUP62 MW:	522aa, 53 kDa
Observed NUP62 MW:	62 kDa
Positive WB detected in	PC-3 cells, NIH/3T3 cells
Positive IP detected in	NIH/3T3 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000

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

### Immunogen information

Immunogen:	Ag4912
GenBank accession number:	BC014842
Gene ID (NCBI):	23636
Full name:	Nucleoporin 62kDa

### Product information

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