For Research Use Only

NUP133 Recombinant antibody

Catalog Number:85609-1-RR

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Basic Information

Catalog Number:
85609-1-RR

Concentration:
1000 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG3100

GenBank Accession Number:
BC020107

GeneID (NCBI):
55746

UNIPROT ID:
Q8WUM0

Full Name:
nucleoporin 133kDa

Calculated MW:
1156 aa, 129 kDa

Observed MW:
129 kDa

Purification Method:
Protein A purification

CloneNo.:
243092B5

Recommended Dilutions:
WB 1:5000-1:50000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:

WB : HeLa cells, HepG2 cells, SH-SY5Y cells

Background Information

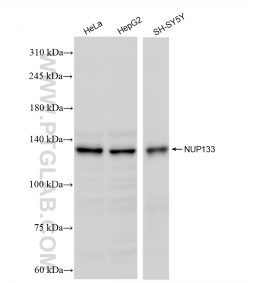
Nuclear pore complex protein Nup133 is a protein that in humans is encoded by the NUP133 gene. The nucleoporin protein encoded by this gene displays evolutionarily conserved interactions with other nucleoporins. This protein, which localizes to both sides of the nuclear pore complex at interphase, remains 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.

Storage

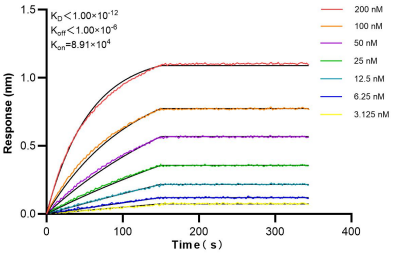
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85609-1-RR (NUP133 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85609-1-RR against Human NUP133 were performed. The affinity constant is below 1 pM.