

For Research Use Only

# NUP133 Recombinant antibody

Catalog Number: 85609-1-RR



## Basic Information

<b>Catalog Number:</b> 85609-1-RR	<b>GenBank Accession Number:</b> BC020107	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 55746	<b>CloneNo.:</b> 243092B5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8WUM0	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> nucleoporin 133kDa	
<b>Immunogen Catalog Number:</b> AG3100	<b>Calculated MW:</b> 1156 aa, 129 kDa	
	<b>Observed MW:</b> 129 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HepG2 cells, SH-SY5Y cells
<b>Species Specificity:</b> human	

## 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

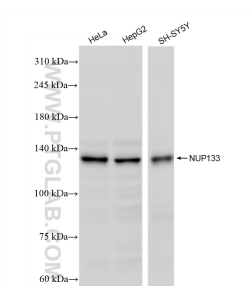
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

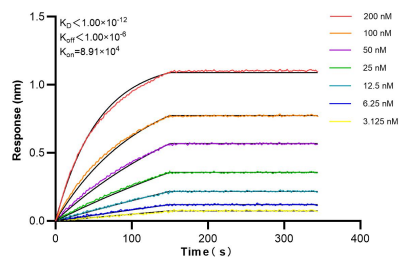
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## Selected Validation Data



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.