

# Product Datasheet

## Nucleoporin 107 Antibody

### NBP1-49841

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-49841****Nucleoporin 107 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

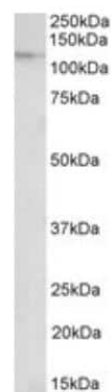
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Goat Nucleoporin 107 Antibody (NBP1-49841) is a polyclonal antibody validated for use in WB and ELISA. Anti-Nucleoporin 107 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	57122
<b>Gene Symbol</b>	NUP107
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Peptide with sequence C-PLPAEDDNAIREH corresponding to internal region according to NP_065134.1.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:8000
<b>Application Notes</b>	WB: Approx. 100 kDa band observed in human peripheral blood mononucleocytes lysates (calculated MW of 106 kDa band according to human NP_065134.1) and 120 kDa band in nuclear lysates of NIH3T3 (calculated MW of 107 kDa band according to mouse NP_598771.1).



## Images

Western Blot: Nucleoporin 107 Antibody [NBP1-49841] - Staining of nuclear lysate of NIH3T3 (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot: Nucleoporin 107 Antibody [NBP1-49841] - Western blot analysis of Nucleoporin 107 in Peripheral Blood Lymphocytes lysate (35ug protein in RIPA buffer) using NBP1-49841 at 1ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.



## Publications

Whittle JR, Schwartz TU. Architectural nucleoporins Nup157/170 and Nup133 are structurally related and descend from a second ancestral element. J Biol Chem 2009-10-01 [PMID: 19674973]



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### **Products Related to NBP1-49841**

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP1-76926PEP	Nucleoporin 107 Antibody Blocking Peptide

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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