NUP107 Antibody						
Rabbit Polyclonal						
Antigen Affinity Purified		Protein ID	NP_065134.1			
Catalog No. A301-787A		GenelD	57122	DETUVI		
Lot No. A30	1-787A-1					
APPLICATIONS	WB, IP					
SPECIES REACTIVITY Human						
<b>ΑΜΟUNT</b> 100 μl						
CONCENTRATION 200 µg/ml						
STORAGE/SHELF LIFE 2 - 8° C / 1 year from date of receipt		receipt				
PHYSICAL STATE Liquid						
BUFFER	Tris-buffered	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide				
ISOTYPE	IgG	IgG				
ORIGIN	USA	USA				
PRODUCTION PROCEDURES	Antibody was	Antibody was affinity purified using an epitope specific to NUP107 immobilized on solid support.				
		The epitope recognized by A301–787A maps to a region between residue 875 and 925 of human nucleoporin 107kDa using the numbering given in entry NP_065134.1 (GeneID 57122).				
		Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.				
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.				
	Western Blot	1:2	2,000 - 1:10,000			
	Immunoprec	ipitation 2 –	5 µg/mg lysate			
APPLICATION NOTES	Goat anti-Ral	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100–020), Goat anti–Rabbit Light Chain HRP Conjugate (Cat. No. A120–113P) and 4–8% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).				
	Western blot	Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.				
ADDITIONAL INFO		https://www.bethyl.com/product/A301-787A				
		Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB				

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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A. WB	B. IP/WB
kDa 460-	kDa 460-
268_ 238 <sup>-</sup>	268_ 238 <sup>-</sup>
171-	171-
117	NUP107 117 NUP107
71-	71-
55-	55-
41-	41-
31-	+ BL6820
50 15 5 50	- + - A301-787A IP
HeLa T	+ Ctrl IgG

Detection of human NUP107 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 µg) cells. Antibody: Affinity purified rabbit anti-NUP107 antibody A301-787A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. NUP107 was also immunoprecipitated by rabbit anti-NUP107 antibody BL6820, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).

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