Rabbit Polyclonal

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	Antigen Affinity Purified		ed P	Protein ID	NP_612142.2		
	Catalog No.	log No. A301–781A–T		GenelD	129401		
	Lot No.	A301-1	781A-T-2				
	APPLICATIONS		WB, IP, IHC				
	SPECIES REACTIVITY		Human, Mouse				
	PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Rat				
	AMOUNT		10 µl				
	CONCENTRATIC	ON	1000 µg/ml				
	STORAGE/SHELI	STORAGE/SHELF LIFE		2 - 8°C / 1 year from date of receipt			
	PHYSICAL STATE		Liquid				
BUFFER		Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide					
ISOTYPE		IgG					
ORIGIN		USA					
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to NUP35 immobilized on solid support.					
	APPLICATIONS		The epitope recognized by A301-781A-T maps to a region between residue 276 and 376 of human nucleoporin 35kDa using the numbering given in entry NP_612142.2 (GeneID 129401).				
			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,	,000 - 1:10,000		
			Immunoprecipita	tion 2 -	10 µg/mg lysate		
	ADDITIONAL INFO		Immunohistochei	,	00 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is pommended for FFPE tissue sections.		
			https://www.bethyl.com/product/A301-781A-T				
			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. Michael Spencer, PhD Date: June 6, 2022

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Detection of human and mouse NUP35 by western blot. Samples: Whole cell lysate (50 μ g) from HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-NUP35 antibody A301-781A (lot A301-781A-2) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Detection of human NUP35 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-NUP35 antibody A301-781A (lot A301-781A-2) used for IP at 6 µg per reaction. NUP35 was also immunoprecipitated by a previous lot of this antibody (lot A301-781A-1) and rabbit anti-NUP35 antibody BL6800 For blotting immunoprecipitated NUP35, A301-781A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human NUP35 by immunohistochemistry. *Sample:* FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-NUP35 (Cat. No. A301-781A Lot2) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB