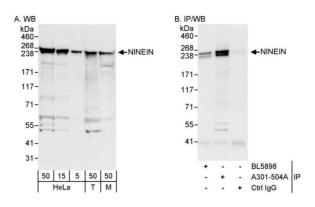
Ninein Antibody

					(r)
Rabbit Polyclonal Antigen Affinity Purified			Protein ID	NP_891991.1	
Catalog No. A301–504A		GenelD	51199		
Lot No. A301-504A-1		Geneib	51155	BETHYL	
	//301	50 // 1			LABORATORIES, INC
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human, Mouse			
AMOUNT		100 μΙ			
CONCENTRATION		200 µg/ml			
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt			
PHYSICAL STATE		Liquid			
BUFFER		Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide			
ISOTYPE		lgG			
ORIGIN		USA			
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to Ninein immobilized on solid support.			
		The epitope recognized by A301–504A maps to a region between residue 1850 and 1900 of human Ninein using the numbering given in entry NP_891991.1 (GeneID 51199).			
		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	
		Immunoprecip	itation 2 -	5 µg/mg lysate	
APPLICATION NOTES		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 of	lysates perfo	rmed using standard western b	plot reagents and 4-8% SDS-PAGE.
ADDITIONAL IN	NFO			duct/A301-504A	
				95, a current list of citations, ar ps://www.bethyl.com/content/	nd other product specific information. 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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Detection of human and mouse NINEIN by western blot (h&m) and immunoprecipitation (h). *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg) and mouse NIH 3T3 (M; 50 µg)cells. *Antibodies:* Affinity purified rabbit anti–NINEIN antibody A301–504A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. NINEIN was also immunoprecipitated by rabbit anti–NINEIN antibody BL5899, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 10 seconds (A) and 3 seconds (B).

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