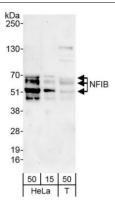
NFIB Antibody

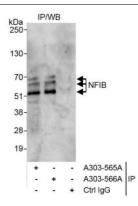
Rabbit Polyclo	nal				N Cont
Antigen Affini	ty Purifie	ed	Protein ID	NP_005587.2	
Catalog No. A303-566A		GenelD	4781	DETLIVI	
Lot No.	A303-	566A-1			
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse, Chicken, Bovine and Golden hamster 100 µl			
CONCENTRATION		1000 µg/ml			
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 NFIB immobilized on solid support.			
		The epitope recognized by A303–566A maps to a region between residue 325 and 375 of human Nuclear Factor I/B using the numbering given in entry NP_005587.2 (GeneID 4781).			
APPLICATIONS		Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.			
		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	
		Immunoprecipi	itation 2 -	10 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 4–20% SDS–PAGE (link to IP-western blot protocol in Additional Info section below).			
ADDITIONAL INFO		Western blot of lysates performed using standard western blot reagents and 4–20% SDS-PAGE. https://www.bethyl.com/product/A303–566A 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 OfficerDate: November 12, 2019

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Detection of human NFIB by western blot. *Samples:* Whole cell lysate from HeLa (15 and 50 μ g) and HEK293T (T; 50 μ g) cells. *Antibody:* Affinity purified rabbit anti–NFIB antibody A303–566A (lot A303–566A–1) used at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human NFIB by western blot of

immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti–NFIB antibody A303–566A (lot A303–566A–1) used for IP at 6 μ g/mg lysate. NFIB was also immunoprecipitated by rabbit anti–NFIB antibody A303–565A, which recognizes an upstream epitope. For blotting immunoprecipitated NFIB, A303–566A was used at 1.0 μ g/ml. *Detection:* Chemiluminescence with exposure time of 3 seconds.