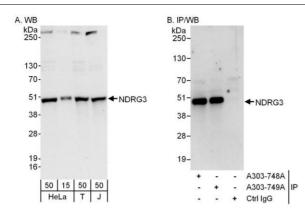
NDRG3 Antibody

Rabbit Polyclo Antigen Affinit		۰d	Protein ID	NP_114402.1		
Catalog No. A303–749A			GenelD	57446		
Lot No.	-		Geneib	57.1.0	LABORATORIES, INC	
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, Bovine and Orangutan 100 µl				
AMOUNT						
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 NDRG3 immobilized on solid support.				
		The epitope recognized by A303-749A maps to a region between residue 350 and 375 of human N-myc downstream-regulated gene 3 using the numbering given in entry NP_114402.1 (GeneID 57446).				
			Antibody 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	,000 - 1:10,000		
		Immunoprecipita	ation 2 –	10 µg/mg lysate		
APPLICATION N	IOTES	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).				
Western blot of lysates performed using standard weste				n blot reagents and 4-20% SDS-PAGE.		
ADDITIONAL INFO		https://www.bethyl.com/product/A303-749A				
		Use the link above to view SDS, a current list of citations, and other product specific information.				
		IP-western blot p	protocol: http	s://www.bethyl.com/conte	nt/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 NDRG3 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg) and Jurkat (J; 50 µg) cells. Antibodies: Affinity purified rabbit anti-NDRG3 antibody A303-749A used for WB at 0.1 µg/ml (A) and 1 µg/ml (B) and used for IP at 6 µg/mg lysate. NDRG3 was also immunoprecipitated by rabbit anti-NDRG3 antibody A303-748A, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).