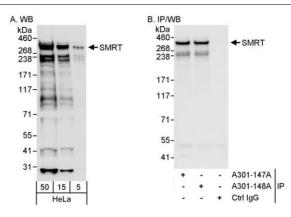
SMRT Antibody

Rabbit Polyclonal					
Antigen Affinity Purified			Protein ID	AAD20946.1	
Catalog No. A301–147A		GenelD	9612		
Lot No.	A301-	147A-1			LABORATORIES, INC
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human			
AMOUNT		100 µl			
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		IgG			
ORIGIN		USA			
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to SMRT immobilized on solid support.			
		The epitope recognized by A301–147A maps to a region between residue 1525 and 1575 of human silencing mediator of retinoic acid and thyroid hormone receptor alpha using the numbering given in entry AAD20946.1 (GeneID 9612).			
		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	,000 - 1:10,000	
		Immunoprecipi	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 performed using standard western blot reagents and 4-8% SDS-PAGE.			
ADDITIONAL INFO		https://www.bethyl.com/product/A301–147A			
				S, a current list of citations, and c s://www.bethyl.com/content/pro	other product specific information. tocol_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 SMRT by western blot and immunoprecipitation. *Samples:* Whole cell lysate (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-SMRT antibody A301-147A used for WB at 0.04 µg/ml (A) and 1.0 µg/ml (B) and used for IP at 3 µg/mg lysate. SMRT was also immunoprecipitated by rabbit anti-SMRT antibody A301-148, which recognizes a downstream epitope. *Detection:* Chemiluminescence with exposure times of 10 seconds (A) and 1 second (B).

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