

SMRT Antibody

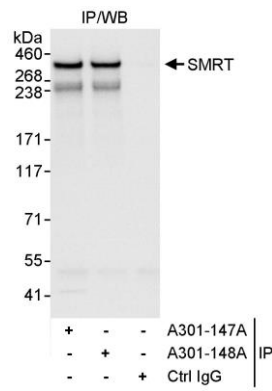
Rabbit Polyclonal

Antigen Affinity Purified	Protein ID	AAD20946.1
Catalog No. A301-148A	GeneID	9612
Lot No. A301-148A-1		



APPLICATIONS	IP
SPECIES REACTIVITY	Human
AMOUNT	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 SMRT immobilized on solid support. The epitope recognized by A301-148A maps to a region between residue 1925 and 1975 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 Not recommended. Use rabbit anti-SMRT antibody A301-147A. Immunoprecipitation 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).
ADDITIONAL INFO	https://www.bethyl.com/product/A301-148A 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 Officer Date: June 21, 2019



Detection of human SMRT 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-SMRT antibody A301-148A used for IP at 3 $\mu\text{g}/\text{mg}$ lysate. SMRT was also immunoprecipitated by rabbit anti-SMRT antibody A301-147, which recognizes an upstream epitope. For blotting immunoprecipitated SMRT, A301-147A was used at 1 $\mu\text{g}/\text{ml}$. *Detection:* Chemiluminescence with an exposure time of 1 second.