## RAP1 Antibody Rabbit Polyclonal Antigen Affinity Purified Protein ID NP\_061848.2

A303-533A

A303-533A-1

IP. IHC

Catalog No.

**APPLICATIONS** 

Lot No.



ATTEICATIONS							
SPECIES REACTIVITY	Human						
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat and Bovine						
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	lgG						
ORIGIN	USA						
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to RAP1 immobilized on solid suppor						
PROCEDURES	The epitope recognized by A303–533A maps to a region between residue 200 and 250 of human Repressor/Activator Protein 1 using the numbering given in entry NP_061848.2 (GeneID 54386).						
	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 Not recommended						
	Immunoprecipitation 2 – 10 µg/mg lysate						
	Immunohistochemistry 1:1,000 – 1:5,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.						
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).						
IHC HUMAN CONTROLS	Testis						
ADDITIONAL INFO	https://www.bethyl.com/product/A303-533A 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						

54386

GenelD

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

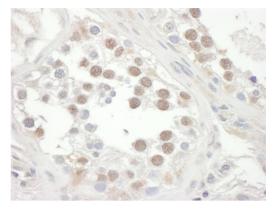
Bethyl Laboratories, Inc. • 25043 West FM 1097 • Montgomery, TX 77356 • 800.338.9579 • 936.597.6111 • 866.597.6105 (FAX) • www.bethyl.com • technical@bethyl.com

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.

		IP/V	VB			
kDa 250-		-				
130-						
70-		_				
51-	-	-	-		← RAP1	
38-						
28-						
19-						
	+	-	-	-	A300-306A	
	-	+	2	-	A303-532A	Б
	$\sim$	-	+	-	A300-306A A303-532A A303-533A	
	-	-	-	+	Ctrl IgG	

Detection of human RAP1 by western blot of

**immunoprecipitates.** *Samples:* Whole cell lysate from HeLa (1 mg for IP, 20% of IP loaded) cells. *Antibodies:* Affinity purified rabbit anti-RAP1 antibody A303-533A used for IP at 6  $\mu$ g/mg lysate. RAP1 was also immunoprecipitated by rabbit anti-RAP1 antibodies A303-532A, which recognizes an upstream epitope, and A300-306A which is generated against full-length recombinant human RAP1. For blotting immunoprecipitated RAP1, A303-532A was used at 1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



**Detection of human RAP1 by immunohistochemistry.** *Sample:* FFPE section of human testis. *Antibody:* Affinity purified rabbit anti- RAP1 (Cat. No. A303-533A Lot1) used at a dilution of 1:5,000 (0.2µg/ml). *Detection:* DAB. *Counterstain:* Hematoxylin (blue).