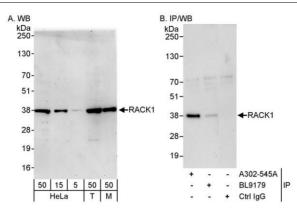
RACK1 Antibody

Rabbit Polyclo	nal	,				the second	
Antigen Affini		۰d	Protein ID	NP_006089.1			
Catalog No. A302–54			GenelD	10399			
Lot No.		545A-1	deneib			LABORATORIES, INC	
APPLICATIONS		WB, IP					
SPECIES REACTIVITY		Human, Mouse					
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Rat, Chicken, Bovine and Pig					
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 RACK1 immobilized on solid support.					
		The epitope recognized by A302–545A maps to a region between residue 1 and 50 of human receptor of activated protein kinase C 1 using the numbering given in entry NP_006089.1 (GeneID 10399).					
		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			
		Immunoprecipi	tation 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 4–20% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).					
		Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.					
ADDITIONAL INFO		https://www.bethyl.com/product/A302–545A					
		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

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. 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.

Ź



Detection of human and mouse RACK1 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 μ g), and mouse NIH 3T3 (M; 50 μ g) cells. Antibodies: Affinity purified rabbit anti-RACK1 antibody A302-545A used for WB at 0.1 μ g/ml (A) and 1 μ g/ml (B) and used for IP at 3 μ g/mg lysate. RACK1 was also immunoprecipitated by rabbit anti-RACK1 antibody BL9179, which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).

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