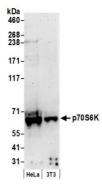
p70S6K Antibody

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Rabbit Polyclo	nal				
Antigen Affinity Purifie		d	Protein ID	NP_003152.1	
Catalog No.	Catalog No. A300–510A		GenelD	6198	RETHVI
Lot No.	ot No. A300–510A–2				LABORATORIES, INC
APPLICATIONS		WB			
SPECIES REACTIVITY		Human, Mouse			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Rat, Bovine and Rabbit			
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 p70S6 immobilized on solid support.			
		The epitope recognized by A300–510A maps to a region between residue 475 and the C- terminus (residue 525) of human Ribosomal Protein S6 Kinase, 70 kDa, polypeptide 1 using the numbering given in entry NP_003152.1 (GeneID 6198).			
		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	2,500 - 1:20,000	
APPLICATION NOTES		Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.			
ADDITIONAL INFO		https://www.bethyl.com/product/A300-510A Use the link above to view SDS, a current list of citations, and other product specific information.			

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 24, 2019

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Detection of human and mouse p70S6K by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa and mouse

NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-p70S6K antibody A300-510A (lot A300-510A-2) used for WB at 0.05 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.

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