

p70S6K Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_003152.1

Catalog No. A300-510A

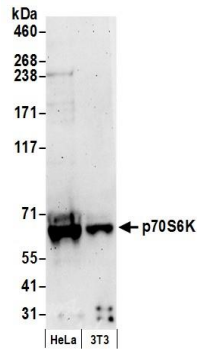
GeneID 6198

Lot No. A300-510A-2



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	<p>Antibody was affinity purified using an epitope specific to p70S6 immobilized on solid support.</p> <p>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).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Western Blot 1:2,500 - 1:20,000</p>
APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A300-510A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>

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

**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 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.