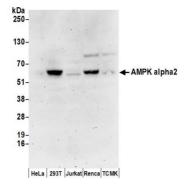
AMPK alpha 2 Antibody

Rabbit Polyclonal Antigen Affinity Purified Catalog No. A300-508A Lot No. A300-508A-2		508A	Protein ID GenelD	AAH69823.1 5563	BETHYL LABORATORIES, INC
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human, Mouse			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Pig and Orangutan			
AMOUNT		100 μΙ			
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 AMPK alpha 2 immobilized on solid support.			
		The epitope recognized by A300-508A maps to a region between residues 350 and 400 of human 5'-AMP-activated Protein Kinase, catalytic Alpha-2 chain using the numbering given in entry AAH69823.1 (GeneID 5563).			
		Immunoglobuli of 1.4 equals 1		n was determined by extinction	on coefficient: absorbance at 280 nm
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	1:5	00 - 1:5,000	
		Immunoprecip	itation 2 –	8 µg/mg lysate	
APPLICATION N	IOTES	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 perfor	med using standard western	blot reagents and 4-20% SDS-PAGE.
ADDITIONAL IN	IFO	https://www.bethyl.com/product/A300–508A			
		Use the link above to view SDS, a current list of citations, and other product specific informat 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

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Detection of human and mouse AMPK alpha 2 by western blot. Samples: Whole cell lysate (50 μ g) from HeLa, HEK293T, Jurkat, mouse Renca, and mouse TCMK-1 cells. Antibodies: Affinity purified rabbit anti-AMPK alpha 2 antibody A300-508A (lot A300-508A-2) used for WB at 0.4 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



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