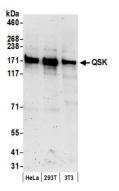
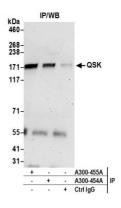
QSK Antibody						
Rabbit Polyclonal Antigen Affinity Purified			Protein ID	NP_079440.2		
Catalog No.	A302-455A		GenelD	23387	RETHVI	
Lot No.	A302-	455A-2				
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human, Mouse				
AMOUNT		100 μΙ				
CONCENTRATION		1000 μg/ml				
STORAGE/SHELF LIFE		2 - 8° C / 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		Antibody was affinity purified using an epitope specific to QSK immobilized on solid support.				
PROCEDURES			The epitope recognized by A302-455A maps to a region between residue 900 and 950 of human serine/threonine-protein kinase QSK using the numbering given in entry NP_079440.2 (GeneID 23387).			
		Antibody conce equals 1.0 mg		letermined by extinction coe	fficient: absorbance at 280 nm of 1.4	
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	1:1	,000 - 1:5,000		
		Immunoprecip	itation 2 -	10 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 4–8% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).				
		Western blot of	lysates perfor	rmed using standard westerr	blot reagents and 4-8% SDS-PAGE.	
		· · · · · · · · · · · · · · · · · · ·	://www.bethyl.com/product/A302–455A			
		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

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Detection of human and mouse QSK by western blot. Samples: Whole cell lysate (50 μ g) from HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-QSK antibody A302-455A (lot A302-455A-2) used for WB at 0.4 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

Detection of human QSK by western blot of

immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-QSK antibody A302-455A (lot A302-455A-2) used for IP at 6 µg per reaction. QSK was also immunoprecipitated by rabbit anti-QSK antibody A302-454A. For blotting immunoprecipitated QSK, A302-455A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.