

QSK Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_079440.2

Catalog No. A302-455A

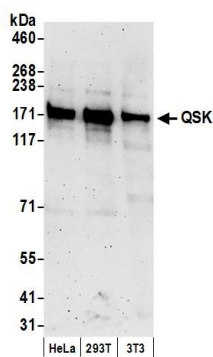
GeneID 23387

Lot No. A302-455A-2



| | |
|------------------------------|--|
| APPLICATIONS | WB, IP |
| SPECIES REACTIVITY | Human, Mouse |
| 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 QSK immobilized on solid support.</p> <p>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).</p> <p>Antibody 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 1:1,000 – 1:5,000</p> <p>Immunoprecipitation 2 – 10 µg/mg lysate</p> |
| APPLICATION NOTES | <p>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).</p> <p>Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.</p> |
| ADDITIONAL INFO | <p>https://www.bethyl.com/product/A302-455A</p> <p>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</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 21, 2019

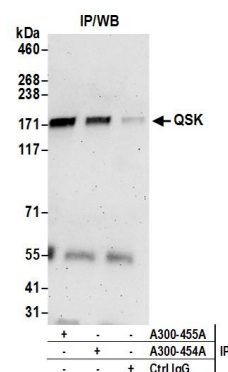


Detection of human and mouse QSK by western blot.

Samples: Whole cell lysate (50 µg) 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 µg/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.