PAK4 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_005875.1

Catalog No. A300-356A GeneID 10298

Lot No. A300-356A-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 Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide

ISOTYPE IgG
ORIGIN USA

PRODUCTION PROCEDURES

Antibody was affinity purified using an epitope specific to PAK4 immobilized on solid support.

The epitope recognized by A300–356A maps to a region between residue 25 and 75 of human p21–Activated Kinase 4 using the numbering given in entry NP_005875.1 (GenelD 10298).

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 1:2,000 - 1:10,000 Immunoprecipitation 2 - 10 µg/mg lysate

APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100–020),

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 performed using standard western blot reagents and 4-20% SDS-PAGE.

ADDITIONAL INFO https://www.bethyl.com/product/A300-356A

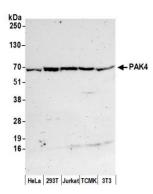
Use the link above to view SDS, a current list of citations, and other product specific information.

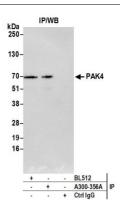
IP-western blot protocol: https://www.bethyl.com/content/protocol IP WB

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



PAK4 Antibody A300-356A





Detection of human and mouse PAK4 by western blot. Samples: Whole cell lysate (50 μ g) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PAK4 antibody A300-356A (lot A300-356A-2) used for WB at 0.04 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

Detection of human PAK4 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PAK4 antibody A300–356A (lot A300–356A–2) used for IP at 6 μ g per reaction. PAK4 was also immunoprecipitated by rabbit anti-PAK4 antibody BL512. For blotting immunoprecipitated PAK4, A300–356A was used at 0.4 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.