

AKAP2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID Q9Y2D5.2

Catalog No. A301-363A

GeneID 11217

Lot No. A301-363A-2



APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
AMOUNT	100 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA

PRODUCTION PROCEDURES Antibody was affinity purified using an epitope specific to AKAP2 immobilized on solid support. The epitope recognized by A301-363A maps to a region between residue 75 and 125 of human A kinase (PRKA) anchor protein 2 using the numbering given in entry Q9Y2D5.2 (GeneID 11217). 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.

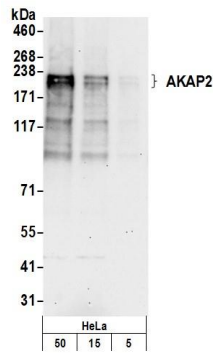
Western Blot	1:10,000 – 1:25,000
Immunoprecipitation	2 – 10 µg/mg lysate

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).

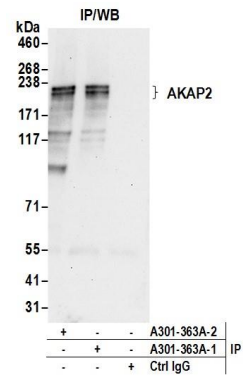
Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO <https://www.bethyl.com/product/A301-363A>
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



Detection of human AKAP2 by western blot. *Samples:* Whole cell lysate (5, 15 and 50 µg) from HeLa cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-AKAP2 antibody A301-363A (lot A301-363A-2) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human AKAP2 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. *Antibodies:* Affinity purified rabbit anti-AKAP2 antibody A301-363A (lot A301-363A-2) used for IP at 6 µg per reaction. AKAP2 was also immunoprecipitated by a previous lot of this antibody (lot A301-363A-2). For blotting immunoprecipitated AKAP2, A301-363A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.