

CDK5RAP2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_060719.4

Catalog No. A300-554A

GeneID 55755

Lot No. A300-554A-1



APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Chimpanzee
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	Antibody was affinity purified using an epitope specific to CDK5RAP2 immobilized on solid support.

The epitope recognized by A300-554A maps to a region between residues 900 and 950 of human CDK5 Regulatory Subunit Associated Protein 2 using the numbering given in entry NP_060719.4 (GeneID 55755).

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 1:2,500 – 1:15,000

Immunoprecipitation 3 – 5 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).

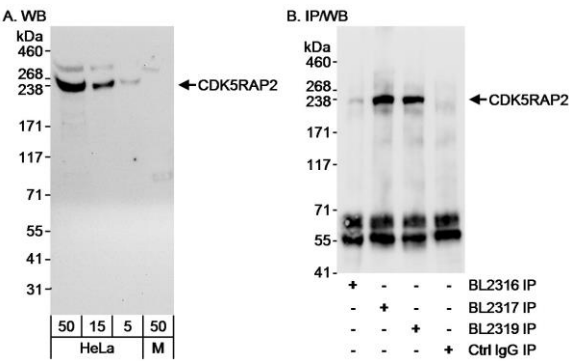
Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO <https://www.bethyl.com/product/A300-554A>

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 CDK5RAP2 by western blot and immunoprecipitation. *Samples:* A) Whole cell lysate from HeLa (5, 15 and 50 µg) and NIH 3T3 (M; 50 µg) cells. B) Whole cell lysate (1 mg/IP, 1/4 of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-CDK5RAP2 antibody BL2317 (Cat. No. A300-554A) used at 0.1 µg/ml for WB (A and B) and at 3 µg/mg lysate for IP (B). CDK5RAP2 was also immunoprecipitated using rabbit anti-CDK5RAP2 antibody BL2319, which binds a downstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).