

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten! See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRKAR2A/PKA-RIIalpha Antibody

Rabbit Polyclonal

Antigen Affinity Purified NP 004148.1 Protein ID

Catalog No. A301-670A GeneID 5576

Lot No. A301-670A-1

APPLICATIONS WB. IP. IHC

SPECIES REACTIVITY Human **AMOUNT** 100 ul

CONCENTRATION 200 ua/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 PRKAR2A/PKA-RIIalpha immobilized

on solid support.

The epitope recognized by A301-670A maps to a region between residue 50 and 100 of human protein kinase, cAMP-dependent, regulatory, type II, alpha using the numbering given in entry

NP 004148.1 (GeneID 5576).

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

Immunohistochemistry 1:200 - 1:1.000. Epitope retrieval with citrate buffer pH 6.0 is

recommended for FFPF tissue sections.

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

2 - 5 µg/mg lysate

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.

IHC HUMAN CONTROLS Breast Carcinoma, Colon Carcinoma, Prostate Carcinoma

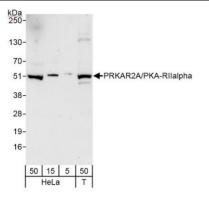
ADDITIONAL INFO https://www.bethyl.com/product/A301-670A

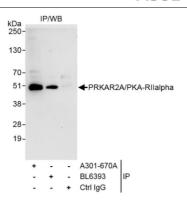
Use the link above to view SDS, a current list of citations, and other product specific information.

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: October 21, 2019

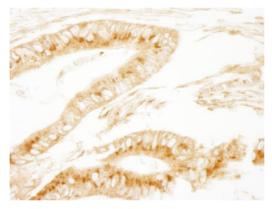






Detection of human PRKAR2A/PKA-RIIalpha by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 μ g) and HEK293T (T; 50 μ g) cells. Antibodies: Affinity purified rabbit anti-PRKAR2A/PKA-RIIalpha antibody A301-670A (lot A301-670A-1) used for WB at 0.04 μ g/ml. Detection: Chemiluminescence with exposure time of 30 seconds.

Detection of human PRKAR2A/PKA-RIIalpha by western blot of immunoprecipitates Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-PRKAR2A/PKA-RIIalpha antibody A301-670A (lot A301-670A-1) used for IP at 3 μg/mg lysate. PRKAR2A/PKA-RIIalpha was also immunoprecipitated by rabbit anti-PRKAR2A/PKA-RIIalpha antibody BL6393, which recognizes a downstream epitope. For blotting immunoprecipitated PRKAR2A/PKA-RIIalpha, A301-670A was used at 1.0 μg/ml. Detection: Chemiluminescence with exposure time of 30 seconds.



Detection of human PRKAR2A/PKA-RIIalpha by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-PRKAR2A/PKA-RIIalpha (Cat. No. A301-670A lot 1) used at a dilution of 1:200 (1µg/ml). Detection: DAB