

Produktinformation



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Diagnostik & molekulare Diagnostik
Laborgeräte & Service

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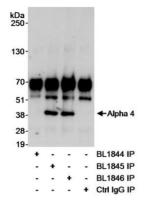
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Alpha-4 Antibody **Rabbit Polyclonal** Antigen Affinity Purified Protein ID P78318 Catalog No. A300-470A-T GenelD 3476 Lot No. A300-470A-T-1 BOBATOB APPLICATIONS IP SPECIES REACTIVITY Human AMOUNT 10 µl CONCENTRATION $1000 \,\mu g/ml$ 2 – 8° C / 1 year from date of receipt STORAGE/SHELF LIFE PHYSICAL STATE Liauid BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide ISOTYPE IgG ORIGIN USA PRODUCTION Antibody was affinity purified using an epitope specific to Alpha-4 (IGBP1) immobilized on solid PROCEDURES support. The epitope recognized by A300-470A-T maps to a region between residues 200 and 250 of human Protein Phosphatase 2A, regulatory subunit alpha-4 (Immunoglobulin binding protein 1) using the numbering given in SwissProt entry P78318 (GeneID 3476). 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 Not recommended. Use rabbit anti-Alpha-4 antibody A300-471A-T. Immunoprecipitation 2 – 5 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). ADDITIONAL INFO https://www.bethyl.com/product/A300-470A-T 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

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Detection of Alpha 4 by immunoprecipitation. Samples: Whole cell lysate (1 mg/IP; of IP reaction loaded/lane) from Ramos cells. Antibody: Affinity purified rabbit anti-Alpha 4 antibody BL1845 (Cat. No. A300-470A-T) at 3 μ g/mg lysate for IP. Alpha 4 was also immunoprecipitated by BL1846 (Cat. No. A300-471A), but not by BL1844, which are affinity purified rabbit antibodies to other epitopes on Alpha 4. immunoprecipitatesd Alpha 4 was blotted using BL1846 at 1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

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