Alpha-4 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID P78318

Catalog No. A300–470A GeneID 3476

Lot No. A300-470A-1

APPLICATIONS IP

AMOUNT Human 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 Antibody was affinity purified using an epitope specific to Alpha-4 (IGBP1) immobilized on solid

PROCEDURES support.

The epitope recognized by A300–470A 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.

Immunoprecipitation $2 - 5 \mu g/mg$ 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 4-20% SDS-PAGE

(link to IP-western blot protocol in Additional Info section below).

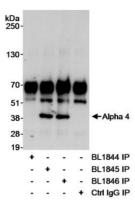
ADDITIONAL INFO https://www.bethyl.com/product/A300-470A

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 Alpha 4 by immunoprecipitation. Samples: Whole cell lysate (1 mg/IP; ¼ of IP reaction loaded/lane) from Ramos cells. Antibodies: Affinity purified rabbit anti-Alpha 4 antibody BL1845 (Cat. No. A300–470A) 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.