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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Alpha-4 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID P78318

Catalog No. A300-471A-T

GeneID 3476

Lot No. A300-471A-T-1

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat
AMOUNT	10 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 Alpha-4 (IGBP1) immobilized on solid support.

The epitope recognized by A300-471A-T maps to a region between residue 300 and the C-terminus (residue 339) of human Protein Phosphatase 2A, regulatory subunit alpha-4 (Immunoglobulin binding protein 1) using the numbering given in SwissProt entry P78318 (GeneID 3476).

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 1:1,000 – 1:10,000

Immunoprecipitation 2 – 5 µg/mg lysate

ADDITIONAL INFO <https://www.bethyl.com/product/A300-471A-T>

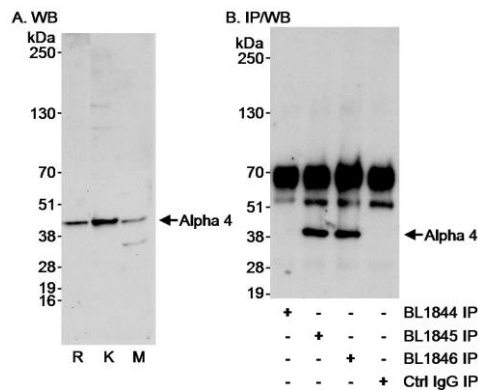
Use the link above to view SDS, a current list of citations, and other product specific information.

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.

Michael Spencer, PhD

Date: June 6, 2022



Detection of Alpha 4 by western blot and immunoprecipitation. *Samples:* A. Whole cell lysate (50 µg) from Ramos (R), K-562 (K) and mouse NIH 3T3 (M) cells. B. Whole cell lysate (1 mg/IP; ¼ of IP reaction loaded/lane) from Ramos cells. *Antibodies:* Affinity purified rabbit anti-Alpha 4 antibody BL1846 (Cat. No. A300-471A) used at 0.4 µg/ml (A) and 1 µg/ml (B) for WB and at 3 µg/mg lysate for IP. Alpha 4 was also immunoprecipitated by BL1845 (Cat. No. A300-470A), but not by BL1844, which are affinity purified antibodies to upstream epitopes on Alpha 4. *Detection:* Chemiluminescence with an exposure time of 30 seconds (A and B).