NFATc3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A303-572A

Lot No. A303-572A-1

Protein ID NP_775188.1

GeneID 4775

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
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 NFATc3 immobilized on solid support. The epitope recognized by A303-572A maps to a region between residue 1025 and 1075 of human Nuclear Factor of Activated T-cells, Cytoplasmic, Calcineurin-dependent 3 using the numbering given in entry NP_775188.1 (GeneID 4775). Antibody 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 2 - 10 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/A303-572A 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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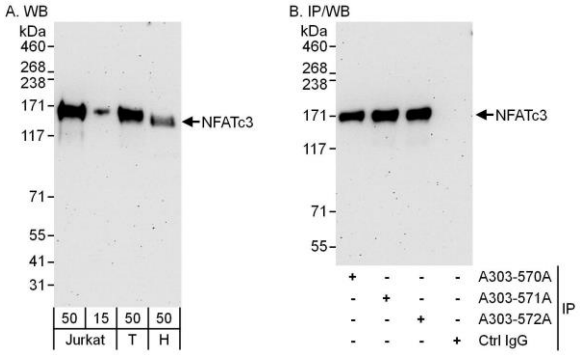

Detection of human NFATc3 by western blot and immunoprecipitation. *Samples:* Whole cell lysate from Jurkat (15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg) and HeLa (H; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-NFATc3 antibody A303-572A used for WB at 0.1 µg/ml (A) and 0.4 µg/ml (B) and used for IP at 6 µg/mg lysate. NFATc3 was also immunoprecipitated by rabbit anti-NFATc3 antibodies A303-570A and A303-571A, which recognize upstream epitopes. *Detection:* Chemiluminescence with exposure times of 3 minutes (A and B).

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