TFEB Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_009093.1

Catalog No. A303-672A GenelD 7942

Lot No. A303-672A-3

APPLICATIONS WB, IP
SPECIES REACTIVITY Human
AMOUNT 100 µl
CONCENTRATION 1000 µd

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 TFEB immobilized on solid support.

The epitope recognized by A303-672A maps to a region between residue 325 and 375 of human

Transcription Factor EB using the numbering given in entry NP_009093.1 (GeneID 7942).

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. \$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).

Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

ADDITIONAL INFO https://www.bethyl.com/product/A303-672A

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

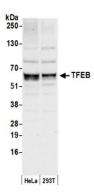
IP-western blot protocol: https://www.bethyl.com/content/protocol IP WB

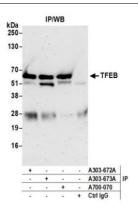
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



TFEB Antibody A303-672A





Detection of human TFEB by western blot. *Samples:*Whole cell lysate (50 μ g) from HeLa and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-TFEB antibody A303-672A (lot A303-672A-3) used for WB at 0.1 μ g/ml. *Detection:*Chemiluminescence with an exposure time of 10 second.

Detection of human TFEB by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-TFEB antibody A303-672A (lot A303-672A-3) used for IP at 6 µg per reaction. TFEB was also immunoprecipitated by rabbit anti-TFEB antibody (A303-673A) and rabbit anti-TFEB recombinant monoclonal antibody (A700-070). For blotting immunoprecipitated TFEB, A700-070 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 75 seconds.