CBF-beta (isoform 2) Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_001746.1

Catalog No. A303-548A GeneID 865

Lot No. A303-548A-1

APPLICATIONS WB, IP

SPECIES REACTIVITY Human

AMOUNT 100 μI

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 CBF-beta (isoform 2) immobilized on solid support.

The epitope recognized by A303-548A maps to a region between residue 166 and 182 of human Core-Binding Factor, Beta Subunit using the numbering given in entry NP_001746.1 (GeneID

865).

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4

equals 1.0 mg of IqG.

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 - 1:5,000

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 4-12% SDS-PAGE

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

Western blot of lysates performed using standard western blot reagents and 4-12% SDS-PAGE.

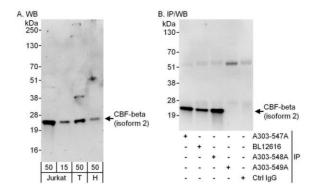
ADDITIONAL INFO https://www.bethyl.com/product/A303-548A

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 Isoform 2 of human CBF-beta 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-CBF-beta (isoform 2) antibody A303-548A used for WB at 0.4 μg/ml (A) and 1 μg/ml (B) and used for IP at 6 μg/mg lysate. Isoform 2 of CBF-beta was also immunoprecipitated by rabbit anti-CBF-beta antibodies A303-547A and BL12616, which recognize upstream epitopes that are common to isoform 1 and isoform 2. Isoform 2 of CBF-beta was not immunoprecipitated by rabbit anti-CBF-beta (isoform 1) antibody A303-549A. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).