SATB2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_056080.1

Catalog No. A301-864A GeneID 23314

Lot No. A301-864A-1

APPLICATIONS IP

SPECIES REACTIVITY Human

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Mouse

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 SATB2 immobilized on solid support.

The epitope recognized by A301-864A maps to a region between residue 250 and 300 of human Special AT-rich sequence-binding protein 2 using the numbering given in entry NP_056080.1

(GeneID 23314).

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-SATB2 antibody A301-865A.

Immunoprecipitation 2 – 5 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 4-8% SDS-PAGE

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

ADDITIONAL INFO https://www.bethyl.com/product/A301-864A

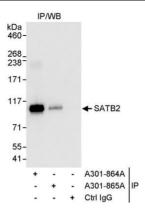
Use the link above to view SDS, a current list of citations, and other product specific information.

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



SATB2 Antibody A301-864A



Detection of human SATB2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HEK293T cells. Antibodies: Affinity purified rabbit anti-SATB2 antibody A301-864A used for IP at 3 μg/mg lysate. SATB2 was also immunoprecipitated by rabbit anti-SATB2 antibody A301-865A, which recognizes a downstream epitope. For blotting immunoprecipitated SATB2, A301-865A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.