DBC1/p30 DBC Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID Q6P0Q9
Catalog No. A300–434A GeneID 57805

Lot No. A300-434A-2

APPLICATIONS WB, IP, IHC

SPECIES REACTIVITY Human. Mouse

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

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 DBC1 immobilized on solid support.

The epitope recognized by A300-433A maps to a region between residue 875 and the C-terminus (residue 923) of human Deleted in Breast Cancer 1 using the numbering given in

TrEMBL entry Q6P0Q9 (GeneID 57805).

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 1:1,000 - 1:10,000

Immunoprecipitation 1 – 10 μg/mg lysate

Immunohistochemistry 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is

recommended for FFPE tissue sections.

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).

Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

IHC HUMAN CONTROLS Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Stomach

Adenocarcinoma, Testicular Seminoma

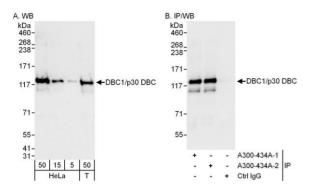
ADDITIONAL INFO https://www.bethyl.com/product/A300-434A

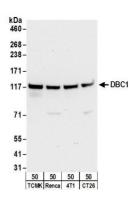
Use the link above to view SDS, a current list of citations, and other product specific information.

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

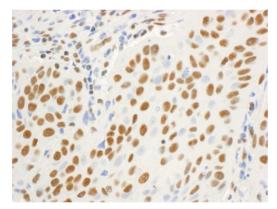






Detection of human DBC1/p30 DBC by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (5, 15 and 50 μg for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 μg) cells. *Antibodies:* Affinity purified rabbit anti-DBC1/p30 DBC antibody A300-434A (lot number A300-434A-2) used for WB at 0.1 μg/ml (A) and 1 μg/ml (B) and used for IP at 3 μg/mg lysate. DBC1/p30 DBC was also immunoprecipitated by a previous lot (A300-434A-1) of this antibody. *Detection:* Chemiluminescence with exposure times of 10 seconds (A) and 1 second (B).

Detection of mouse DBC1 by western blot. Samples: Whole cell lysate (50 μ g) from TCMK-1, Renca, 4T1, and CT26.WT cells. Antibodies: Affinity purified rabbit anti-DBC1 antibody A300-434A (lot A300-434A-2) used for WB at 1 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Detection of human DBC1/p30 DBC by immunohistochemistry. Sample: FFPE section of human lung carcinoma. Antibody: Affinity purified rabbit anti-DBC1/p30 DBC (Cat. No. A300-434A Lot2) used at a dilution of 1:1,000 (1µg/ml). Detection: DAB