

TBCA Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID O75347.3

Catalog No. A305-553A

GeneID 6902

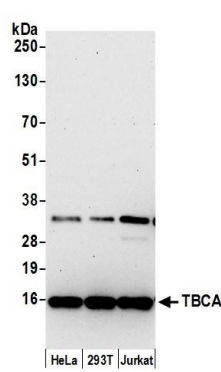
Lot No. A305-553A-1



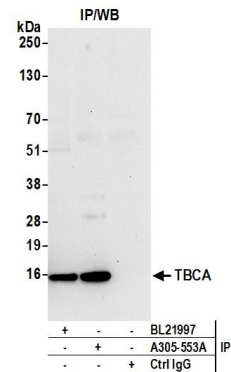
APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, Bovine and Rabbit
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate 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 TBCA immobilized on solid support. The epitope recognized by A305-553A maps to a region between residue 58 to 108 of human Tubulin-specific chaperone A using the numbering given in entry O75347.3 (GeneID 6902). 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 4-20% SDS-PAGE. (link to IP-western blot protocol in Additional Info section below).
ADDITIONAL INFO	https://www.bethyl.com/product/A305-553A 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 TBCA by western blot. *Samples:* Whole cell lysate (15 µg) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-TBCA antibody A305-553A (lot A305-553A-1) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.



Detection of human TBCA by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-TBCA antibody A305-553A (lot A305-553A-1) used for IP at 6 µg per reaction. TBCA was also immunoprecipitated by rabbit anti-TBCA antibody BL21997. For blotting immunoprecipitated TBCA, A305-553A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.