

UBAC1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_057256.2

Catalog No. A304-121A

GeneID 10422

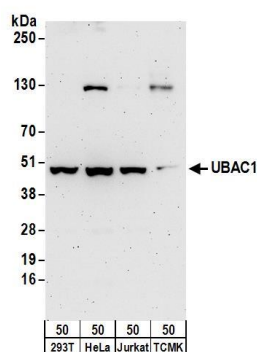
Lot No. A304-121A-1



APPLICATIONS	WB, IP, IHC						
SPECIES REACTIVITY	Human, 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 UBAC1 immobilized on solid support. The epitope recognized by A304-121A maps to a region between residue 325 to 375 of human UBA Domain Containing 1 using the numbering given in entry NP_057256.2 (GeneID 10422). 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. <table><tr><td>Western Blot</td><td>1:2,000 – 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>2 – 10 µg/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr></table>	Western Blot	1:2,000 – 1:10,000	Immunoprecipitation	2 – 10 µg/mg lysate	Immunohistochemistry	1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
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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). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.						
IHC HUMAN CONTROLS	Colon Carcinoma						
ADDITIONAL INFO	https://www.bethyl.com/product/A304-121A 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						

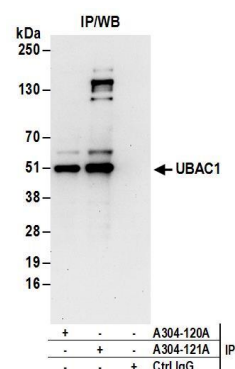
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



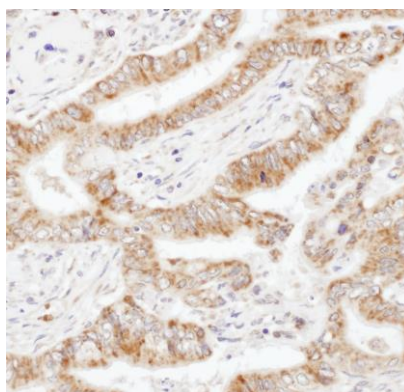
Detection of human and mouse UBAC1 by western blot.

Samples: Whole cell lysate (50 µg) from 293T, HeLa, Jurkat, and mouse TCMK-1 cells. **Antibodies:** Affinity purified rabbit anti-UBAC1 antibody A304-121A (lot A304-121A-1) used for WB at 0.1 µg/ml. **Detection:** Chemiluminescence with an exposure time of 3 minutes.



Detection of human UBAC1 by western blot of immunoprecipitates.

Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from 293T cells. **Antibodies:** Affinity purified rabbit anti-UBAC1 antibody A304-121A (lot A304-121A-1) used for IP at 6 µg/mg lysate. UBAC1 was also immunoprecipitated by rabbit anti-UBAC1 antibody A304-120A. For blotting immunoprecipitated UBAC1, A304-121A was used at 1 µg/ml. **Detection:** Chemiluminescence with an exposure time of 30 seconds.



Detection of human UBAC1 by immunohistochemistry.

Sample: FFPE section of human colon carcinoma. **Antibody:** Affinity purified rabbit anti- UBAC1 (Cat. No. A303-121A Lot1) used at a dilution of 1:1,000 (1 µg/ml). **Detection:** DAB