Bin1 Antibody



Antigen Affinity Purified Protein ID NP_647593.1

Catalog No. A302-729A-T GeneID 274

Lot No. A302-729A-T-2

APPLICATIONSWB, IP, IHCSPECIES REACTIVITYHumanAMOUNT10 μl

CONCENTRATION 1000 μg/ml

STORAGE/SHELF LIFE $2 - 8^{\circ}\text{C} / 1$ 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 Bin1 immobilized on solid

PROCEDURES support.

The epitope recognized by A302-729A-T maps to a region between residue 543 and 593 of human Bridging Integrator 1 using the numbering given in entry NP_647593.1 (GenelD 274).

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 1:500 – 1:2,500

Immunoprecipitation $2 - 10 \mu g/mg$ lysate

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

recommended for FFPE tissue sections.

ADDITIONAL INFO https://www.bethyl.com/product/A302-729A-T

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

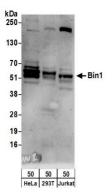
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

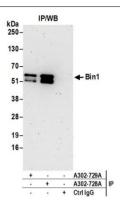
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

Date: June 6, 2022

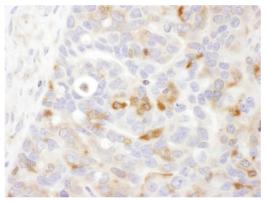
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Detection of human Bin1 by western blot. Samples: Whole cell lysate (50 μg) from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-Bin1 antibody A302-729A (lot A302-729A-2) used for WB at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

Detection of human Bin1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-Bin1 antibody A302-729A (lot A302-729A-2) used for IP at 6 μg per reaction. Bin1 was also immunoprecipitated by rabbit anti-Bin1 antibody A302-728A. For blotting immunoprecipitated Bin1, A302-729A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Detection of human Bin1 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-Bin1 (Cat. No. A302-729A Lot2) used at a dilution of 1:1,000 (1µg/ml) Detection: DAB