

HJURP Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_060880.3

Catalog No. A302-822A-T

GeneID 55355

Lot No. A302-822A-T-2

APPLICATIONS WB, IP, IHC

SPECIES REACTIVITY Human

AMOUNT 10 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 HJURP immobilized on solid support.

The epitope recognized by A302-822A-T maps to a region between residue 650 and 700 of human Holliday Junction Recognition Protein using the numbering given in entry NP_060880.3 (GeneID 55355).

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

Immunohistochemistry 1:1,000 to 1:5,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

ADDITIONAL INFO <https://www.bethyl.com/product/A302-822A-T>

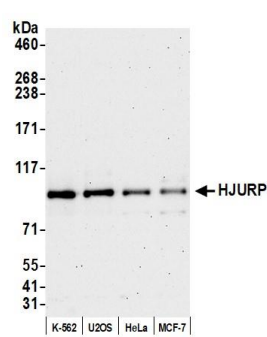
Use the link above to view SDS, a current list of citations, and other product specific information.

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

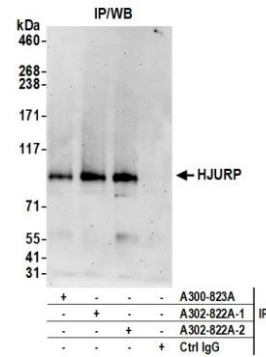
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

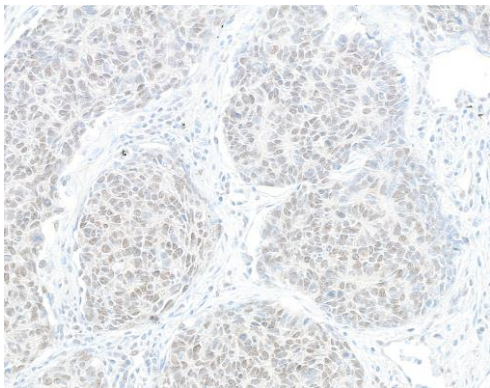
Date: June 6, 2022



Detection of human HJURP by western blot. *Samples:* Whole cell lysate (2 µg) from K-562, U2OS, HeLa, and MCF-7 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-HJURP antibody (A302-822A lot 2) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.



Detection of human HJURP by western blot of immunoprecipitates. *Samples:* Whole cell lysate (500 µg for IP; 2% of IP loaded) from K-562 cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-HJURP antibody (A302-822A lot 2) used for IP at 6 µg per reaction. HJURP was also immunoprecipitated by a previous lot of this antibody (A302-822A lot 1) and rabbit anti-HJURP antibody (A302-823A lot 1). For blotting immunoprecipitated HJURP, A302-822A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.



Detection of human HJURP by immunohistochemistry. *Sample:* FFPE section of human lung carcinoma. *Antibody:* Affinity purified rabbit anti-HJURP (Cat. No. A302-822A) used at a dilution of 1:5,000 (0.2µg/ml) *Detection:* DAB