

# HJURP Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A302-822A

Lot No. A302-822A-2

Protein ID NP\_060880.3

GeneID 55355



**APPLICATIONS** WB, IP, IHC

**SPECIES REACTIVITY** Human

**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 HJURP immobilized on solid support.

The epitope recognized by A302-822A 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).

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

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

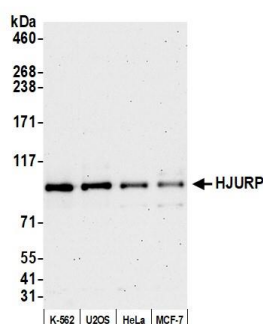
**IHC HUMAN CONTROLS** Breast Carcinoma, Ovarian Carcinoma, Skin Squamous Cell Carcinoma

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

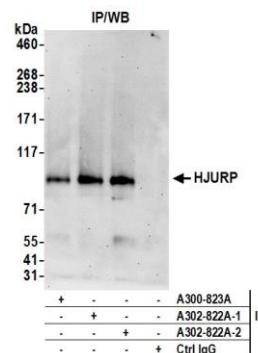
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: [https://www.bethyl.com/content/protocol\\_IP\\_WB](https://www.bethyl.com/content/protocol_IP_WB)

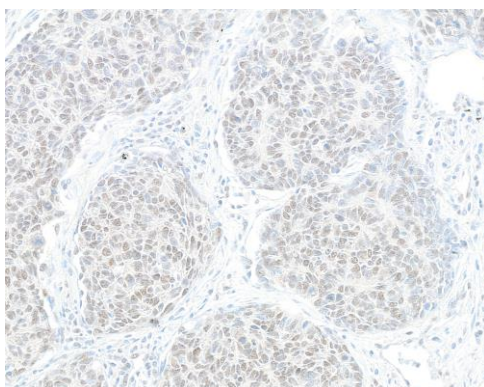
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Brian McWilliams, PhD Date: January 27, 2021



**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 (0.2 µg/ml). ***Detection:*** DAB