

# HJURP Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_060880.3

Catalog No. A302-822A

GeneID 55355

Lot No. A302-822A-2



<b>APPLICATIONS</b>	WB, IP, IHC
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	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.

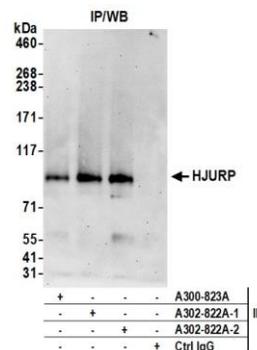
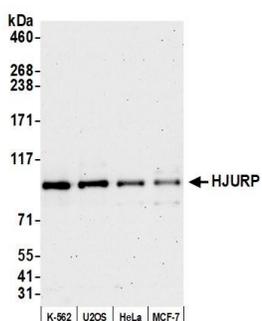
**IHC HUMAN CONTROLS** Breast Carcinoma, Ovarian Carcinoma, Skin Squamous Cell Carcinoma

**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.

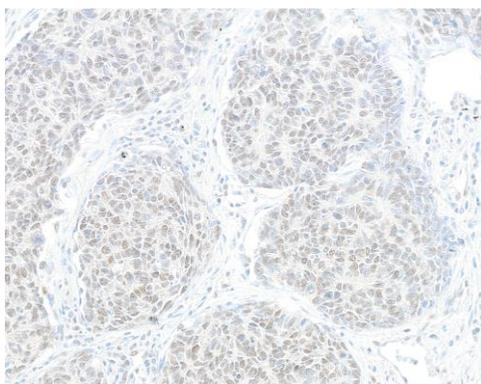
IP-western blot protocol: [https://www.bethyl.com/content/protocol\\_IP-WB](https://www.bethyl.com/content/protocol_IP-WB)

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 (0.2µg/ml) **Detection:** DAB