

# hnRNP-K Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_002131.2

Catalog No. A300-678A

GeneID 3190

Lot No. A300-678A-2



|                              |   |
|------------------------------|---|
| <b>APPLICATIONS</b>          | WB, IP, IHC   |
| <b>SPECIES REACTIVITY</b>    | Human, Mouse  |
| <b>PRESUMED REACTIVITY</b>   | Based on 100% sequence identity, this antibody is predicted to react with Bovine and Orangutan    |
| <b>AMOUNT</b>                | 100 µl  |
| <b>CONCENTRATION</b>         | 200 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-buffered Saline containing 0.1% BSA and 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 hnRNP-K immobilized on solid support. |

The epitope recognized by A300-678A maps to the C-terminus specific for isoform a of human Heterogeneous Nuclear Ribonucleoprotein K using the numbering given in entry NP\_002131.2 for human hnRNP-K isoform b (GeneID 3190). This antibody does not appear to react with isoform b of human hnRNP-K (entry NP\_112552.1).

Immunoglobulin 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 | 1:500 to 1:2,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. |

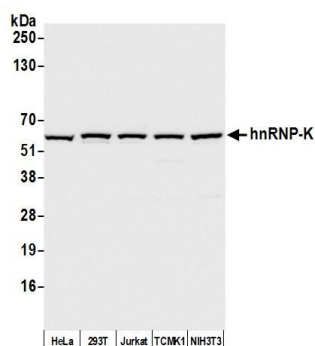
**APPLICATION NOTES** Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

**IHC HUMAN CONTROLS** Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE. Breast Carcinoma, Colon Carcinoma, Non-Small Cell Lung Cancer, Ovarian Carcinoma, Prostate Carcinoma, Skin Basal Cell Carcinoma, Stomach Adenocarcinoma, Testicular Seminoma

**IHC MOUSE CONTROLS** Renal Cell Carcinoma, Squamous Cell Carcinoma

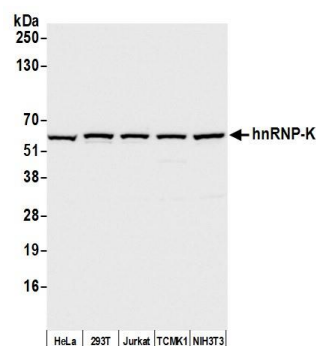
**ADDITIONAL INFO** <https://www.bethyl.com/product/A300-678A>  
Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol [https://www.bethyl.com/content/protocol\\_IP\\_WB](https://www.bethyl.com/content/protocol_IP_WB)

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Eric McIntush, PhD | Chief Scientific Officer Date: December 20, 2019



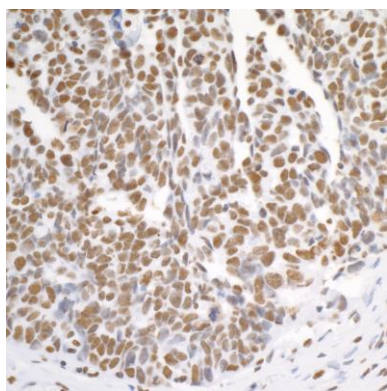
### Detection of human and mouse hnRNP-K by western blot.

*Samples:* Whole cell lysate (15 µg) from HeLa, HEK293T, Jurkat, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-hnRNP-K antibody A300-678A (lot A300-678A-2) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 1 second.



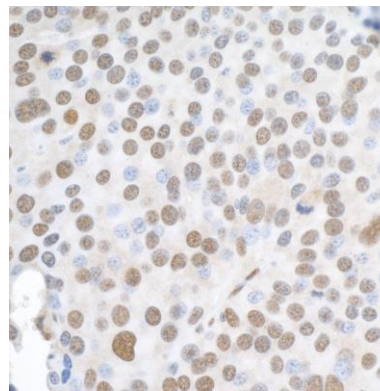
### Detection of human hnRNP-K by western blot of immunoprecipitates.

*Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-hnRNP-K antibody A300-678A (lot A300-678A-2) used for IP at 6 µg per reaction. hnRNP-K was also immunoprecipitated by a previous lot of this antibody (lot A300-678A-1). For blotting immunoprecipitated hnRNP-K, A300-678A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



### Detection of human hnRNP-K by immunohistochemistry.

*Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti-hnRNP-K (Cat. No. A300-678A lot 2) used at a dilution of 1:1,000 (0.2µg/ml). *Detection:* DAB



### Detection of mouse hnRNP-K by immunohistochemistry.

*Sample:* FFPE section of mouse renal cell carcinoma. *Antibody:* Affinity purified rabbit anti-hnRNP-K (Cat. No. A300-678A lot 2 ) used at a dilution of 1:1,000 (0.2 µg/ml). *Detection:* DAB