hnRNP-H Antibody

Rabbit Polyclonal
Antigen Affinity Purified

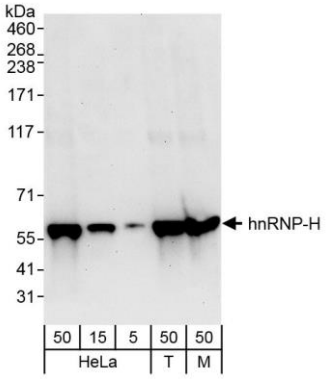
Catalog No.	A300-511A	Protein ID	NP_005511.1
Lot No.	A300-511A-2	GeneID	3187

APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat
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 hnRNP-H immobilized on solid support. The epitope recognized by A300-511A maps to a region between residue 400 and the C-terminus (residue 448) of human Heterogeneous Nuclear Ribonucleoprotein H1 using the numbering given in entry NP_005511.1 (GeneID 3187). 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.

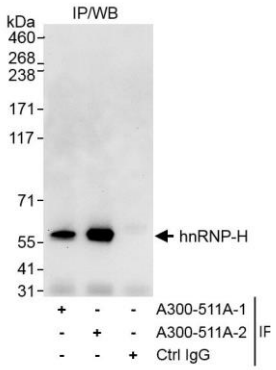
Western Blot	1:10,000 - 1:30,000
Immunoprecipitation	4 - 10 µg/mg lysate
Immunohistochemistry	1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

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). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Stomach Adenocarcinoma
IHC MOUSE CONTROLS	Renal Cell Carcinoma, Teratoma
ADDITIONAL INFO	https://www.bethyl.com/product/A300-511A 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

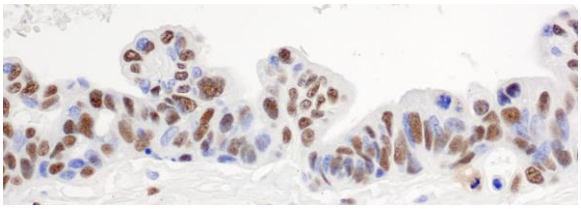
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: November 5, 2019



Detection of human and mouse hnRNP-H by western blot. *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg), HEK293T (T; 50 µg) and mouse NIH 3T3 (M; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-hnRNP-H antibody A300-511A (lot A300-511A-2) used for WB at 0.2 µg/ml. *Detection:* Chemiluminescence with exposure time of 30 seconds.



Detection of human hnRNP-H by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-hnRNP-H antibody A300-511A (lot A300-511A-2) used for WB at 0.2 µg/ml. hnRNP-H was also immunoprecipitated by a previous lot (A300-511A-1) of this antibody. For blotting immunoprecipitated hnRNP-H, A300-511A was used at 1.0 µg/ml. *Detection:* Chemiluminescence with exposure time of 30 seconds.



Detection of human hnRNP-H by immunohistochemistry. *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti- hnRNP-H (Cat. No. A300-511A lot 2) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB