


Anti-hnRNP H antibody ab154894

[4 References](#) [6 Images](#)

Overview

Product name	Anti-hnRNP H antibody
Description	Rabbit polyclonal to hnRNP H
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, WB, IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Chicken, Cow, Xenopus laevis 
Immunogen	Recombinant fragment corresponding to a region within amino acids 50-289 of Human hnRNP H (Uniprot ID P31943)
Positive control	WB: 293T, A431, H1299, HeLa, HepG2, Molt-4, Raji, Mouse brain lysates. Jurkat, Raji and NCI-H929 cells IHC-P: NCIN87 xenograft tissue. ICC/IF: HeLa and A431 cells
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab154894 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration.
WB		1/500 - 1/3000. Predicted molecular weight: 49 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. suggested antigen retrieval using heat mediated 10mM Citrate buffer (pH6.0) or Tris-EDTA buffer (pH8.0)

Target

Function

This protein is a component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes which provide the substrate for the processing events that pre-mRNAs undergo before becoming functional, translatable mRNAs in the cytoplasm. Mediates pre-mRNA alternative splicing regulation. Inhibits, together with CUGBP1, insulin receptor (IR) pre-mRNA exon 11 inclusion in myoblast. Binds to the IR RNA. Binds poly(RG).

Tissue specificity

Expressed ubiquitously.

Sequence similarities

Contains 3 RRM (RNA recognition motif) domains.

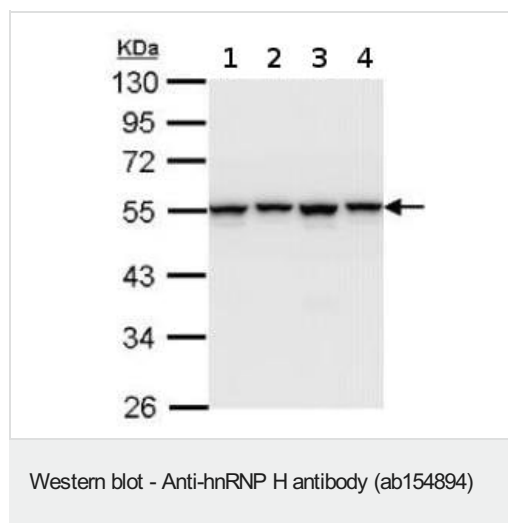
Domain

Each quasi-RRM repeat bound poly(RG), while only the N-terminal QRRM bound poly(RC) and poly(RU). None of the repeats bound detectable amounts of poly(RA).

Cellular localization

Nucleus > nucleoplasm.

Images



All lanes : Anti-hnRNP H antibody (ab154894) at 1/1000 dilution

Lane 1 : A431 whole cell lysate

Lane 2 : H1299 whole cell lysate

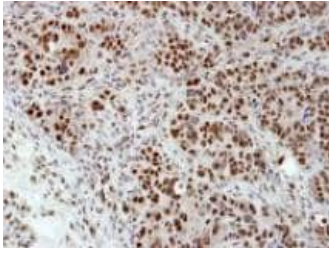
Lane 3 : HeLa whole cell lysate

Lane 4 : HepG2 whole cell lysate

Lysates/proteins at 30 µg per lane.

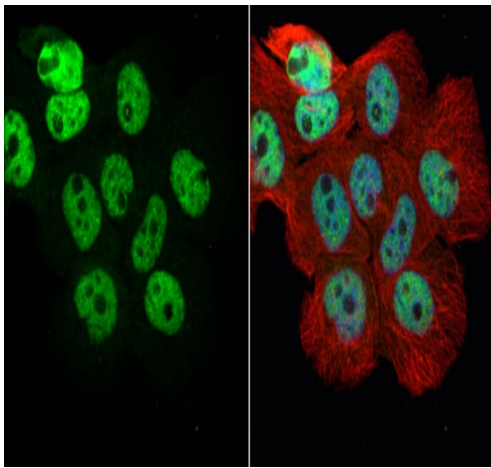
Predicted band size: 49 kDa

10% SDS PAGE



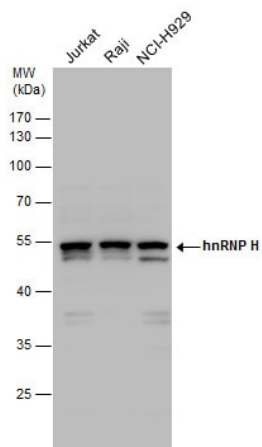
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-hnRNP H antibody (ab154894)

Immunohistochemical analysis of paraffin embedded Human NCIN87 xenograft tissue labeling hnRNP H with ab154894 at a 1/100 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-hnRNP H antibody (ab154894)

Immunocytochemistry/immunofluorescence analysis of A431 cells labelling hnRNP with ab154894 at 1/500 dilution (green). Cells were fixed with 4% paraformaldehyde. Cells were counterstained with alpha Tubulin - Microtubule Marker at 1/1000 dilution (red).



Western blot - Anti-hnRNP H antibody (ab154894)

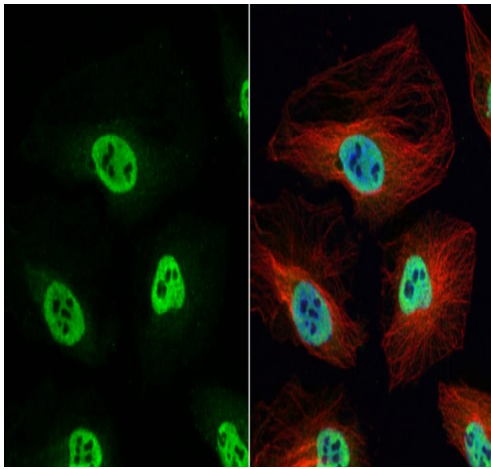
All lanes : Anti-hnRNP H antibody (ab154894) at 1/1000 dilution

Lane 1 : Jurkat cells

Lane 2 : Raji cells

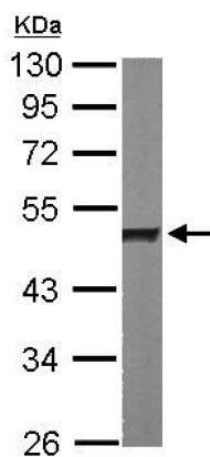
Lane 3 : NCI-H2929 cells

Predicted band size: 49 kDa



Immunocytochemistry/ Immunofluorescence - Anti-hnRNP H antibody (ab154894)

Immunocytochemistry/immunofluorescence analysis of HeLa cells labelling hnRNP with ab154894 at 1/200 dilution (green). Cells were fixed with 4% paraformaldehyde. Cells were counterstained with alpha Tubulin - Microtubule Marker at 1/10000 dilution (red).



Western blot - Anti-hnRNP H antibody (ab154894)

Anti-hnRNP H antibody (ab154894) at 1/1000 dilution + Mouse brain whole cell lysate at 50 µg

Predicted band size: 49 kDa

10% SDS PAGE

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