

ARG58940 anti-hnRNP H antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes hnRNP H
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Gpig, Hrs, Rb
Tested Application	ICC/IF, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	hnRNP H
Species	Human
Immunogen	Synthetic peptide around the middle region of Human hnRNP H. (within the following region: FLNSTAGASGGAYEHRYVELFLNSTAGASGGAYGSQMMGGMGLSNQSSYG)
Conjugation	Un-conjugated
Alternate Names	hnRNPH; Heterogeneous nuclear ribonucleoprotein H; hnRNP H; HNRPH; HNRPH1

Application Instructions

Predict Reactivity Note	Predicted Homology Based On Immunogen Sequence: Cow: 100%; Dog: 100%; Guinea pig: 100%; Horse: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%										
Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>ICC/IF</td><td>1:200</td></tr> <tr> <td>IHC-P</td><td>5 µg/ml</td></tr> <tr> <td>IP</td><td>Assay - dependent</td></tr> <tr> <td>WB</td><td>0.2 - 1 µg/ml</td></tr> </table>	Application	Dilution	ICC/IF	1:200	IHC-P	5 µg/ml	IP	Assay - dependent	WB	0.2 - 1 µg/ml
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IP	Assay - dependent										
WB	0.2 - 1 µg/ml										
Application Note	<p>IHC-P: Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>										
Positive Control	HepG2										

Properties

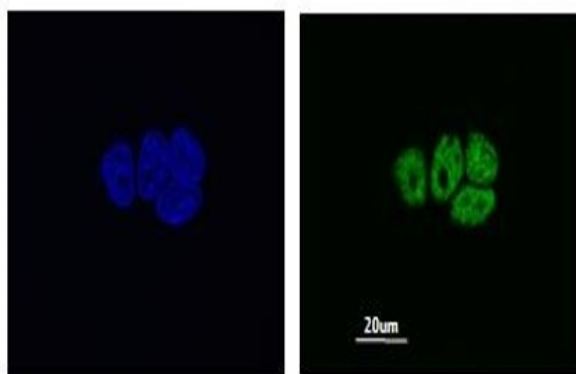
Form	Liquid
Purification	Affinity purified.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.

Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose
Concentration	Batch dependent: 0.5 - 1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

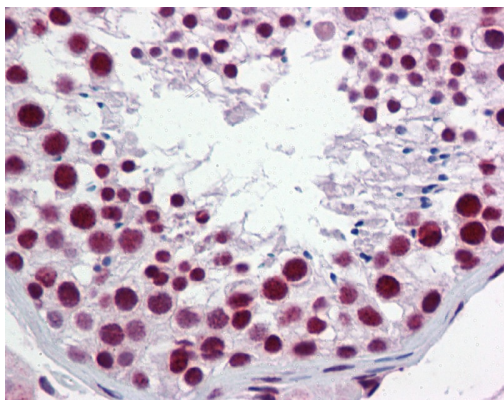
Gene Symbol	HNRNPH1
Gene Full Name	heterogeneous nuclear ribonucleoprotein H1 (H)
Background	This gene encodes a member of a subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA. These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some may shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has three repeats of quasi-RRM domains that bind to RNA and is very similar to the family member HNRPF. This gene may be associated with hereditary lymphedema type I. Alternatively spliced transcript variants have been described [provided by RefSeq, Mar 2012]
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). [UniProt]
Calculated Mw	49 kDa
Cellular Localization	Nucleus, nucleoplasm. [UniProt]

Images



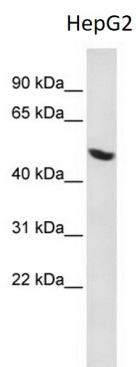
ARG58940 anti-hnRNP H antibody ICC/IF image

Immunofluorescence: MCF7 cells stained with ARG58940 anti-hnRNP H antibody (green) at 1:200 dilution. DAPI (blue) for nuclear staining.



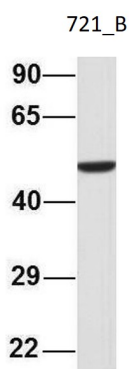
ARG58940 anti-hnRNP H antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human testis tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG58940 anti-hnRNP H antibody at 5 µg/ml, overnight at 4°C.



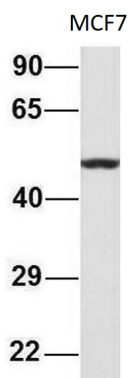
ARG58940 anti-hnRNP H antibody WB image

Western blot: HepG2 cell lysate stained with ARG58940 anti-hnRNP H antibody at 0.2 - 1 µg/ml dilution.



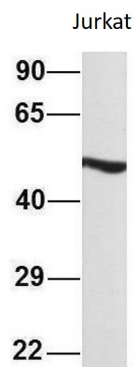
ARG58940 anti-hnRNP H antibody WB image

Western blot: 721_B cell lysate stained with ARG58940 anti-hnRNP H antibody at 1 µg/ml dilution.



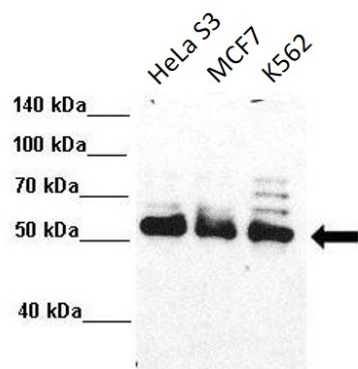
ARG58940 anti-hnRNP H antibody WB image

Western blot: MCF7 cell lysate stained with ARG58940 anti-hnRNP H antibody at 1 µg/ml dilution.



ARG58940 anti-hnRNP H antibody WB image

Western blot: Jurkat cell lysate stained with ARG58940 anti-hnRNP H antibody at 1 µg/ml dilution.



ARG58940 anti-hnRNP H antibody WB image

Western blot: 20 µg of HeLa S3, MCF7 and K562 cell lysates stained with ARG58940 anti-hnRNP H antibody at 1:4000 dilution.