

ARG58939 anti-hnRNP F antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes hnRNP F
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Cow, Dog, Gpig, Hrs, Rb
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	hnRNP F
Species	Human
Immunogen	Synthetic peptide around the C-terminal region of Human hnRNP F. (within the following region: LNSTTGASNGAYSSQVMQGMGVSAQAATYSGLESQSVSGCYGAGYSGQNS)
Conjugation	Un-conjugated
Alternate Names	HNRPF; Nucleolin-like protein mcs94-1; mcs94-1; hnRNP F; Heterogeneous nuclear ribonucleoprotein F; OK/SW-cl.23

Application Instructions

Predict Reactivity Note	Predicted Homology Based On Immunogen Sequence: Cow: 91%; Dog: 92%; Guinea pig: 100%; Horse: 92%; Rabbit: 100%								
Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>ICC/IF</td><td>Assay - dependent</td></tr> <tr> <td>IHC-P</td><td>4 - 8 µg/ml</td></tr> <tr> <td>WB</td><td>1 - 2 µg/ml</td></tr> </table>	Application	Dilution	ICC/IF	Assay - dependent	IHC-P	4 - 8 µg/ml	WB	1 - 2 µg/ml
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ICC/IF	Assay - dependent								
IHC-P	4 - 8 µg/ml								
WB	1 - 2 µg/ml								
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.								
Positive Control	HepG2								

Properties

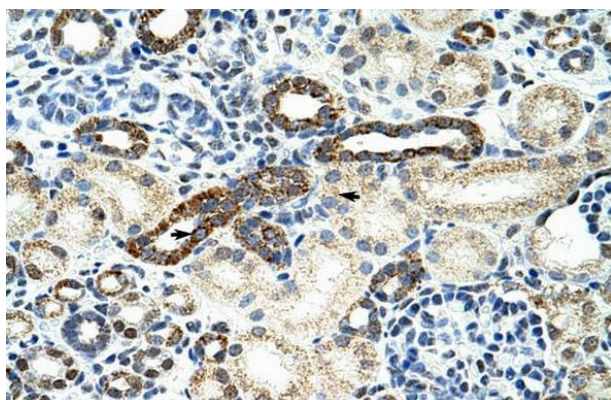
Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose

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

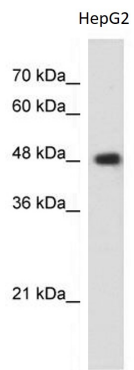
Gene Symbol	HNRNPF
Gene Full Name	heterogeneous nuclear ribonucleoprotein F
Background	This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and regulate alternative splicing, polyadenylation, and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to 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 RNAs which have guanosine-rich sequences. This protein is very similar to the family member hnRPH. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jul 2008]
Function	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. Plays a role in the regulation of alternative splicing events. Binds G-rich sequences in pre-mRNAs and keeps target RNA in an unfolded state. [UniProt]
Calculated Mw	46 kDa
PTM	Sumoylated. [UniProt]
Cellular Localization	Nucleus, nucleoplasm. [UniProt]

Images



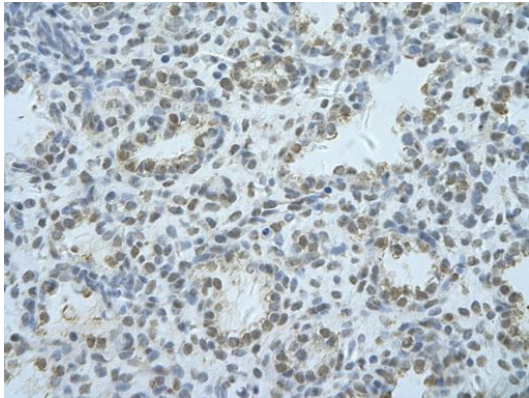
ARG58939 anti-hnRNP F antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human kidney (Epithelial cells of renal tubule) stained with ARG58939 anti-hnRNP F antibody at 4 - 8 µg/ml dilution.



ARG58939 anti-hnRNP F antibody WB image

Western blot: HepG2 cell lysate stained with ARG58939 anti-hnRNP F antibody at 1.25 µg/ml dilution.



ARG58939 anti-hnRNP F antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung (alveolar cell; Epithelial cells of renal tubule) stained with ARG58939 anti-hnRNP F antibody at 4 - 8 µg/ml dilution.