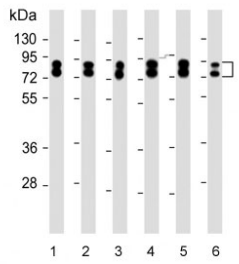
hnRNP R Antibody / HNRNPR (F54241)

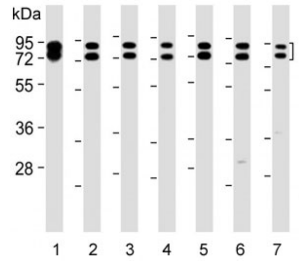
Catalog No.	Formulation	Size
F54241-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54241-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

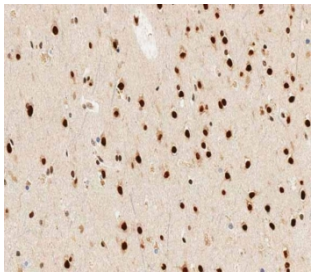
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	O43390
Gene ID	10236
Localization	Nuclear, cytoplasmic
Applications	Western blot: 1:1000 Immunohistochemistry (FFPE): 1:50-1:100 Flow cytometry: 1:25 (1x10e6 cells) Immunofluorescence: 1:25
Limitations	This hnRNP R antibody is available for research use only.



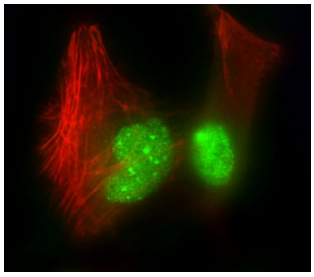
Western blot testing of human 1) 293T, 2) A431, 3) A549, 4) HepG2, 5) MOLT4 and 6) U-251 MG cell lysate with hnRNP R antibody. Predicted molecular weight: 67, 71 kDa.



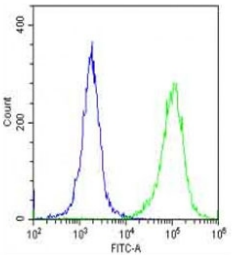
Western blot testing of human 1) 293T, 2) A549, 3) HeLa, 4) HepG2, 5) HT-29, 6) MOLT4 and 7) U-251 MG cell lysate with hnRNP R antibody. Predicted molecular weight: 67, 71 kDa.



IHC testing of FFPE human brain tissue with hnRNP R antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Immunofluorescent staining of fixed and permeabilized human HeLa cells with hnRNP R antibody (green) and anti-Actin (red).



Flow cytometry testing of fixed and permeabilized human HeLa cells with hnRNP R antibody; Blue=isotype control, Green= hnRNP R antibody.

Description

This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). 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 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 and also contains a nuclear localization motif. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq].

Application Notes

The stated application concentrations are suggested starting points. Titration of the hnRNP R antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 95-123 from the human protein were used as the immunogen for the hnRNP R antibody.

Storage

Aliquot the hnRNP R antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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