Datasheet for ABIN1539662

anti-HNRNPR antibody (N-Term)

7 Images

Go to Product page

Overview

Quantity:	400 µL
Target:	HNRNPR
Binding Specificity:	AA 95-123, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This HNRNPR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 95-123 amino acids from the N-terminal region of human HNRNPR.
Clone:	RB37032
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HNRNPR
Alternative Name:	HNRNPR (HNRNPR Products)
Background:	This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with

Target Details

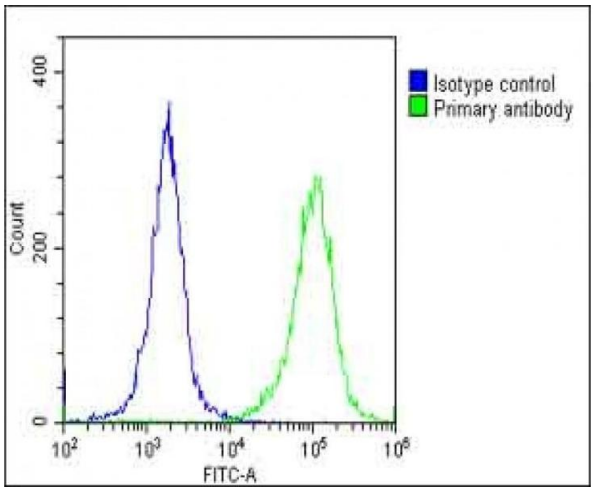
	heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. 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].
Molecular Weight:	70943
Gene ID:	10236
NCBI Accession:	NP_001095867, NP_001095868, NP_005817
UniProt:	O43390

Application Details

Application Notes:	IF: 1:25. WB: 1:1000. WB: 1:1000. WB: 1:2000. WB: 1:2000. IHC-P-Leica: 1:1000. FC: 1:25
Restrictions:	For Research Use only

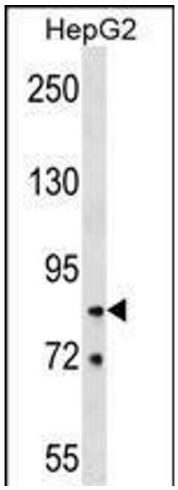
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	HNRNPR Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



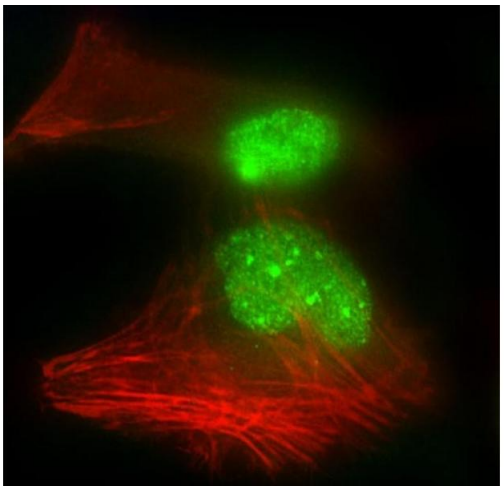
Flow Cytometry

Image 1. Overlay histogram showing HeLa cells stained with (ABIN1539662 and ABIN2848878)(green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then icubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN1539662 and ABIN2848878), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(1583138) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.



Western Blotting

Image 2. HNRNPR Antibody (N-term) (ABIN1539662 and ABIN2848878) western blot analysis in HepG2 cell line lysates (35 µg/lane).This demonstrates the HNRNPR antibody detected the HNRNPR protein (arrow).



Immunofluorescence

Image 3. Immunofluorescent analysis of 4 % paraformaldehyde-fixed, 0. 1 % Triton X-100 permeabilized Hela cells labeling HNRNPR with (ABIN1539662 and ABIN2848878) at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-Rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing Nucleus staining on Hela cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin(red). The nuclear counter stain is DI (blue).

Images

Please check the product details page for more images. Overall 7 images are available for ABIN1539662.