

Datasheet for ABIN2856397  
**anti-HNRNPR antibody (N-Term)**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	HNRNPR
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunoprecipitation (IP)

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human hnRNP R. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to hnRNP R (heterogeneous nuclear ribonucleoprotein R) hnRNP R antibody [N1N2], N-term
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

## Target Details

Target:	HNRNPR
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## Target Details

Alternative Name:	heterogeneous nuclear ribonucleoprotein R ( <a href="#">HNRNPR Products</a> )
Background:	<p>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.</p> <p>Cellular Localization: Nucleus , nucleoplasm</p>
Molecular Weight:	71 kDa
Gene ID:	10236
UniProt:	<a href="#">O43390</a>

## Application Details

Application Notes:	WB: 1:500-1:10000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T , A431 , HeLa Validation: KO/KD
Restrictions:	For Research Use only

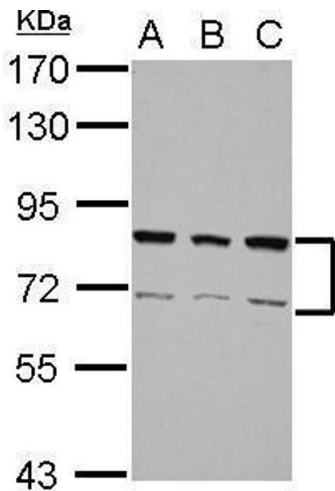
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS ( pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C

Handling

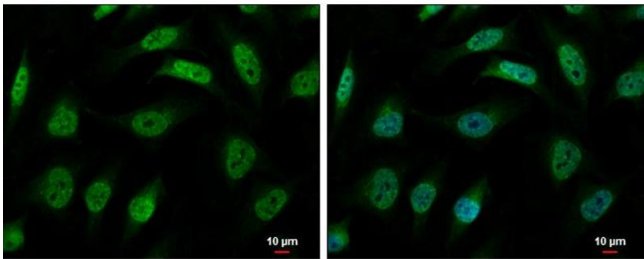
Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Validation report #101762 for Western Blotting (WB)



**Western Blotting**

**Image 1.** WB Image Sample (30 ug of whole cell lysate) A: 293T B: A431 C: HeLa 7.5% SDS PAGE antibody diluted at 1:3000



**Immunofluorescence**

**Image 2.** ICC/IF Image hnRNP R antibody [N1N2], N-term detects hnRNP R protein at nucleus and cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: hnRNP R protein stained by hnRNP R antibody [N1N2], N-term , diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10 μm.