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## anti-HNRNPR antibody (N-Term)



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Publication



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Quantity:	100 μL
Target:	HNRNPR
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNRNPR antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HNRNPR
Sequence:	ANQVNGNAVQ LKEEEEPMDT SSVTHTEHYK TLIEAGLPQK VAERLDEIFQ
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against HNRNPR. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	

### **Target Details**

Alternative Name:	HNRNPR (HNRNPR Products)
Background:	HNRNPR 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 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. 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.
	Alias Symbols: FLJ25714, HNRPR, hnRNP-R, hnRNP R
	Protein Interaction Partner: PRMT1, KHDRBS2, CEP250, SUMO2, IVNS1ABP, STAU1, UBC,
	MDM2, WWOX, ZBTB1, RPA3, RPA2, RPA1, RNF2, EED, rev, PPP4R1, MTA2, CCDC6, EHBP1L1,
	RABEP2, BRCC3, SMEK1, LSM8, LARP7, GAPVD1, CD2AP, WDHD1, SF3A1, TRIM28, HDAC1,
	NR3C1, POLR2C, POLR2A, MAP4, PARK2, SRPK
	Protein Size: 633
Molecular Weight:	71 kDa
Gene ID:	10236
NCBI Accession:	NM_005826, NP_005817
UniProt:	043390
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 633 AA
Restrictions:	For Research Use only

#### Handling

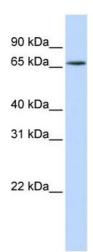
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Publications**

Product cited in:

Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in: **Diagnostic microbiology and infectious disease**, Vol. 55, Issue 1, pp. 55-8, (2006) (PubMed).

#### **Images**



#### **Western Blotting**

**Image 1.** WB Suggested Anti-HNRNPR Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: 721\_B cell lysate HNRNPR is strongly supported by BioGPS gene expression data to be expressed in Human 721\_B cells