# antibodies -online.com







**Images** 



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Overview	V
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Quantity:	400 μL
Target:	HNRNPAB
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNRNPAB antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This HNRPAB antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 1-30 amino acids from the N-terminal region of human HNRPAB.
Clone:	RB20809
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	HNRNPAB
	HNRNPAB HNRPAB (HNRNPAB Products)

## **Target Details**

Background:
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This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are produced by RNA polymerase II and are components of the heterogeneous nuclear RNA (hnRNA) complexes. They 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, which binds to one of the components of the multiprotein editosome complex, has two repeats of quasi-RRM (RNA recognition motif) domains that bind to RNAs.

Molecular Weight:	36225
Gene ID:	3182

NCBI Accession: NP\_004490, NP\_112556

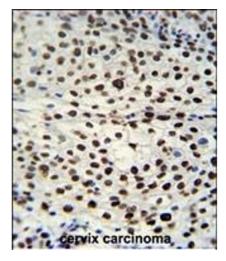
UniProt: Q99729

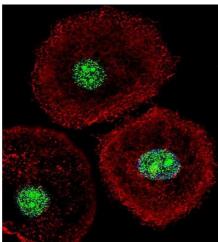
## **Application Details**

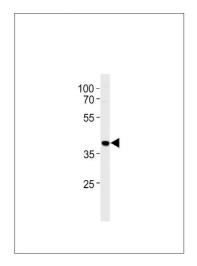
Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

# Handling

Format:	Liquid
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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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months







## **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** HNRB Antibody (N-term) (ABIN651713 and ABIN2840371) immunohistochemistry analysis in formalin fixed and raffin embedded human cervix carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the HNRB Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **Immunofluorescence**

Image 2. Fluorescent confocal image of MCF-7 cell stained HNRB Antibody (N-term) (ABIN651713 with ABIN2840371). MCF-7 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1 %, 10 min), then incubated with HNRB primary antibody (1:25, 1 h at 37 °C). For secondary antibody, Alexa Fluor® conjugated donkey anti-rabbit antibody (green) was used (1:400,50 min at 37 °C). Cytoplasmic actin counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/mL, 1 h at 37 °C). Nuclei were counterstained with DI (blue) (10 µg/mL, 10 min). HNRB immunoreactivity is localized to Nucleus significantly.

#### **Western Blotting**

**Image 3.** HNRB Antibody (N-term) (ABIN651713 and ABIN2840371) western blot analysis in HepG2 cell line lysates (35  $\mu$ g/lane). This demonstrates the HNRB antibody detected the HNRB protein (arrow).