

## Product datasheet for **TA345987**

### **HNRNPA0 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IF, IHC, IP, WB
Recommended Dilution:	IF, IP, WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HNRPA0 antibody: synthetic peptide directed towards the middle region of human HNRPA0. Synthetic peptide located within the following region: KAAVVKFHPIQGHRVEVKKAVPKEDIYSGGGGGSRSSRGGRGGRGGG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	34 kDa
Gene Name:	heterogeneous nuclear ribonucleoprotein A0
Database Link:	<a href="#">NP_006796</a> <a href="#">Entrez Gene 10949 Human Q13151</a>



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**Background:**

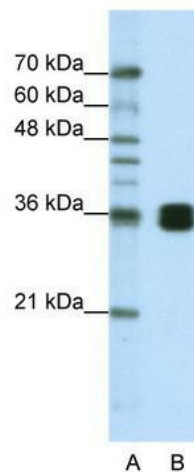
HNRPA0 belongs to the A/B subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing 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 two repeats of quasi-RRM domains that bind RNAs, followed by a glycine-rich C-terminus. This gene belongs to the A/B 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 two repeats of quasi-RRM domains that bind RNAs, followed by a glycine-rich C-terminus.

**Synonyms:**

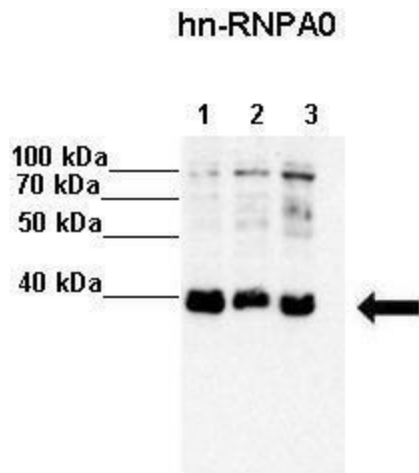
HNRPA0

**Note:**

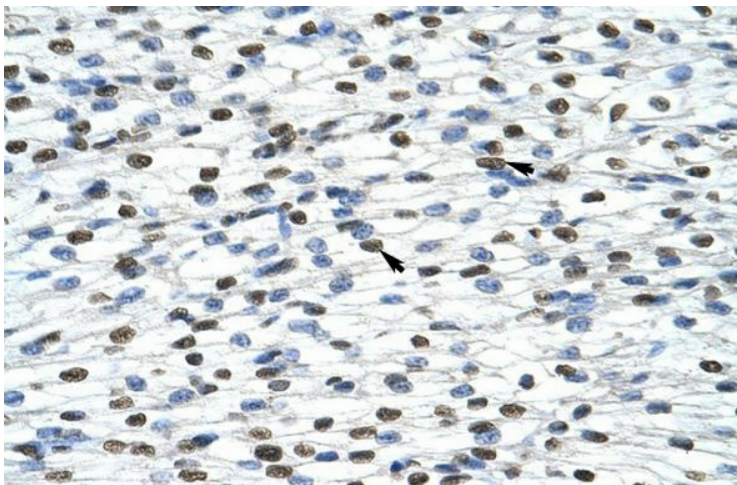
Immunogen Sequence Homology: Human: 100%; Dog: 93%; Pig: 93%; Bovine: 93%

**Product images:**

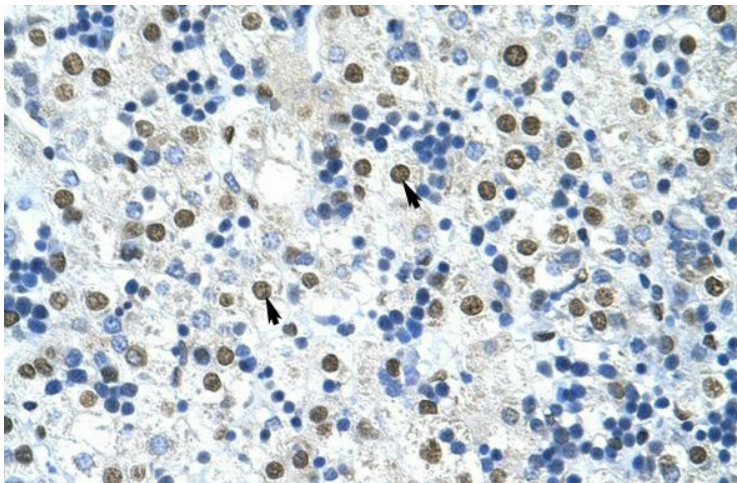
WB Suggested Anti-HNRPA0 Antibody Titration:  
0.625 ug/ml; ELISA Titer: 1: 312500; Positive  
Control: Jurkat cell lysate



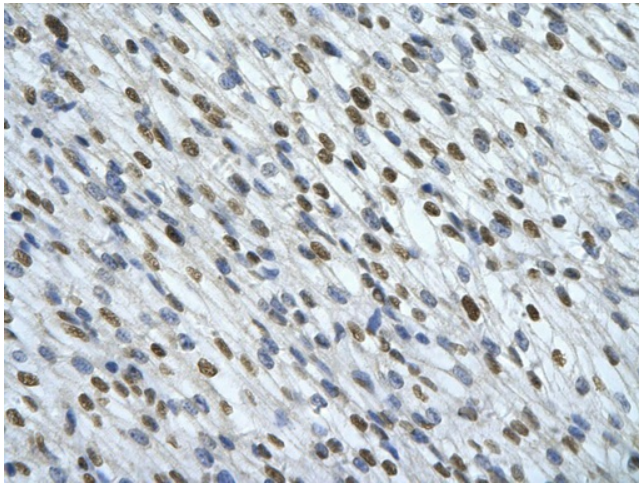
Lanes: Lane 1: 20ug HeLa S3 lysate Lane 2: 20ug MCF7 lysate Lane 3: 20ug K562 lysate; Primary Antibody Dilution: 1: 4000; Secondary Antibody: Anti-rabbit-HRP; Secondary Antibody Dilution: 1: 5000; Gene Name: HNRPA0;



Rabbit Anti-HNRPA0 Antibody; Paraffin Embedded Tissue: Human Heart; Cellular Data: Myocardial cells; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X

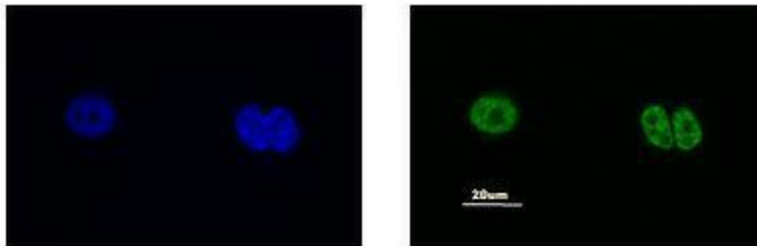


Rabbit Anti-HNRPA0 Antibody; Paraffin Embedded Tissue: Human Liver; Cellular Data: Hepatocytes; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X



Rabbit Anti-HNRNPA0 Antibody; Paraffin Embedded Tissue: Human cardiac cell; Cellular Data: Epithelial cells of renal tubule; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X

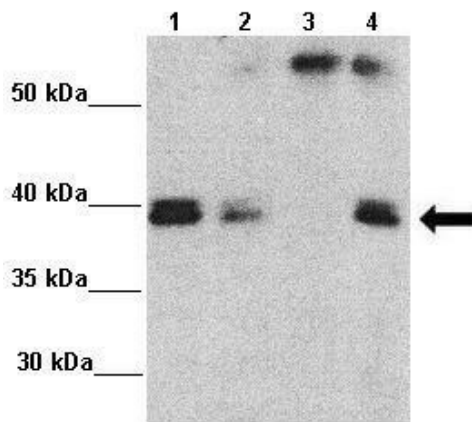
hn-RNPA0



Sample Type: MCF7 cells; Primary Antibody Dilution: 1: 200; Secondary Antibody: Anti-rabbit-FITC; Secondary Antibody Dilution: 1: 500; Color/Signal Descriptions: DAPI: Blue hn-RNPA0: Green; Gene Name: HNRNPA0;

DAPI: Blue  
HNRNPA0: Green

hn-RNPA0



Amount and Sample Type: Lane 1: 5% Input Lane 2: 5% Sup Lane 3: Normal IgG Lane 4: hn-RNPA0 ppt. k562 sample; IP Antibody: HNRNPA0; Amount of IP Antibody: Primary Antibody: HNRNPA0; Primary Antibody Dilution: 1: 4000; Secondary Antibody: Anti-rabbit-HRP; Secondary Antibody Dilution: 1: 5000; Gene Name: HNRNPA0;