

Product datasheet for **TA343942**

hnRNP A2B1 (HNRNPA2B1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HNRNPA2B1 antibody: synthetic peptide directed towards the N terminal of human HNRNPA2B1. Synthetic peptide located within the following region: MEKTLETVPLERKKREKEQFRKLFIGGLSFETTEESLRNYEQWGKLTDC
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:	37 kDa
Gene Name:	heterogeneous nuclear ribonucleoprotein A2/B1
Database Link:	NP_112533 Entrez Gene 3181 Human P22626



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Background:

HNRNPA2B1 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. HNRNPA2B1 has two repeats of quasi-RRM domains that bind to RNAs. 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 to RNAs. This gene has been described to generate two alternatively spliced transcript variants which encode different isoforms.

Synonyms:

HNRNPA2; HNRNPB1; HNRPA2; HNRPA2B1; HNRPB1; IBMPFD2; RNPA2; SNRPB1

Note:

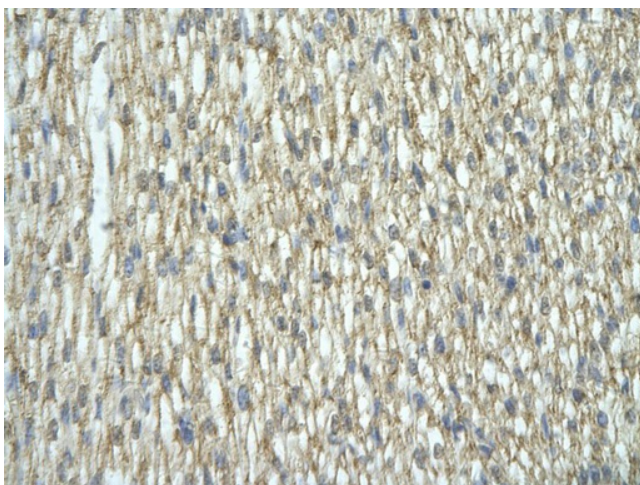
Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Yeast: 100%; Rabbit: 100%

Protein Families:

Druggable Genome

Product images:

WB Suggested Anti-HNRNPA2B1 Antibody Titration: 0.2-1 ug/ml; Positive Control: Jurkat cell lysate; HNRNPA2B1 is supported by BioGPS gene expression data to be expressed in Jurkat



Rabbit Anti-HNRNPA2B1 antibody; Paraffin Embedded Tissue: Human Heart cell Cellular Data: cardiac cell of renal tubule; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X