

## Product datasheet for **TA326961S**

### hnRNP A2B1 (HNRNPA2B1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB 1:500 - 1:2000;IF 1:50- 1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human HNRNPA2B1
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	heterogeneous nuclear ribonucleoprotein A2/B1
Database Link:	<a href="#">NP_002128</a> <a href="#">Entrez Gene 53379 Mouse</a> <a href="#">Entrez Gene 362361 Rat</a> <a href="#">Entrez Gene 3181 Human</a> <a href="#">P22626</a>



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**Background:**

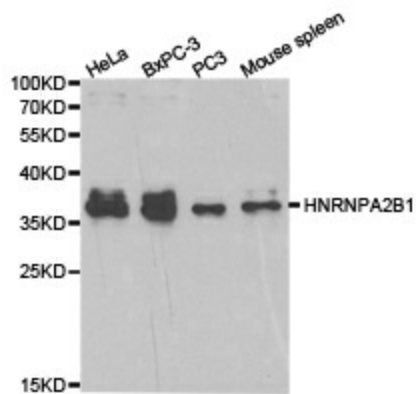
Heterogeneous nuclear ribonucleoprotein A2/B1 (hnRNP A2/B1) is a member of the hnRNP A/B family of related RNA binding proteins that bind pre-mRNA and are involved in the processing, metabolism and transport of nuclear pre-mRNA transcripts . Alternative splicing produces transcripts that encode two homologous hnRNP proteins, hnRNPA2 and hnRNPB1, from a single gene sequence . Studies demonstrate hnRNP A2/B1 splicing repression across multiple targets and that both proteins can bind and protect telomere repeat sequences from DNase digestion . Altered expression of hnRNP B1 is seen in several forms of cancer, including squamous cell carcinoma, adenocarcinoma, and various forms of lung cancer . Over expression of hnRNP B1 may be associated with inhibition of DNA-PK activity and impaired DNA repair during early stages of cancer development . Autoantigens to hnRNP A2/B1 (termed RA33) are associated with rheumatoid arthritis, systemic lupus erythromatosus and mixed connective tissue disease.

**Synonyms:**

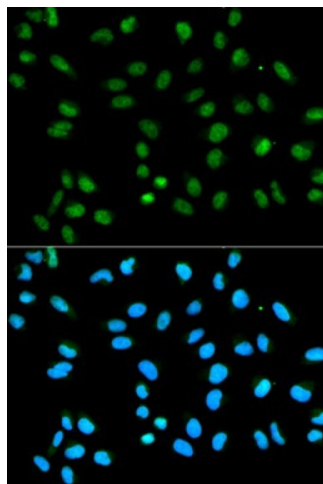
HNRNPA2; HNRNPB1; HNRPA2; HNRPA2B1; HNRPB1; IBMPFD2; RNPA2; SNRPB1

**Protein Families:**

Druggable Genome

**Product images:**

Western blot analysis of extracts of various cell lines, using HNRNPA2B1 antibody.



Immunofluorescence analysis of HeLa cell using HNRNPA2B1 antibody. Blue: DAPI for nuclear staining.