

Product datasheet for **TA326961**

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:	NP_002128 Entrez Gene 53379 Mouse Entrez Gene 362361 Rat Entrez Gene 3181 Human P22626



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Background:

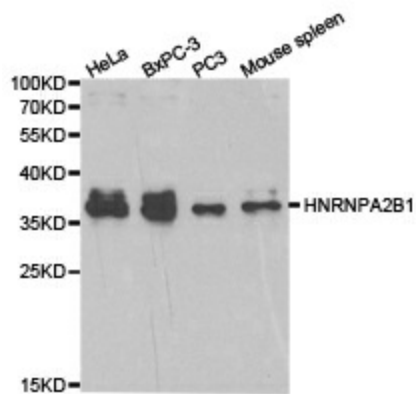
Heterogeneous nuclear ribonucleoprotein A2/B1 (hnRNP A2/B1) is a member of the hnRNP A/B family of related RNA binding proteins that bind pre-mRNA and are involved in the processing, metabolism and transport of nuclear pre-mRNA transcripts. Alternative splicing produces transcripts that encode two homologous 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:

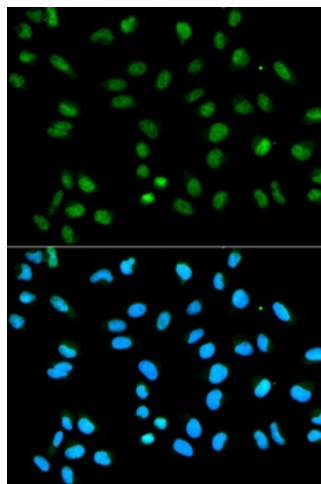
HNRNPA2; HNRNPB1; HNRPA2; HNRPA2B1; HNRPB1; IBMPFD2; RNPA2; SNRPB1

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.