

Rabbit HNRNPA2B1 Polyclonal Antibody | anti-HNRNPA2B1 antibody

HNRNPA2B1 Antibody

CATALOG # AAA305922	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

HNRNPA2B1; Polyclonal Antibody; HNRNPA2B1 Antibody; DKFZp779B0244; FLJ22720; HNRNPA2; HNRNPB1; anti-HNRNPA2B1 antibody

PRODUCT SPECIFICATIONS

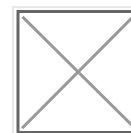
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total HNRNPA2B1 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	341
Applicable Applications for anti-HNRNPA2B1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human HNRNPA2B1.
Target Name	HNRNPA2B1
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-HNRNPA2B1 antibody	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 (1). Alternative splicing produces transcripts that encode two homologous hnRNP proteins, hnRNP A2 and hnRNP B1, from a single gene sequence (2). Studies demonstrate hnRNP A2/B1 splicing repression across multiple targets (3,4) and that both proteins can bind and protect telomere repeat sequences from DNase digestion (5,6). Altered expression of hnRNP B1 is seen in several forms of cancer, including squamous cell carcinoma, adenocarcinoma, and various forms of lung cancer (7). Over expression of hnRNP B1 may be associated with inhibition of DNA-PK activity and impaired DNA repair during early stages of cancer development (8). Autoantigens to hnRNP A2/B1 (termed RA33) are associated with rheumatoid arthritis, systemic lupus erythematosus and mixed connective tissue disease (9-11).
Product Categories/Family for anti-HNRNPA2B1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504447
NCBI GeneID	3181
NCBI Accession #	NP_002128.1
NCBI GenBank Nucleotide #	NM_002137.3
UniProt Accession #	P22626; P22627; Q9UC98; Q9UDJ2; A8K064
Molecular Weight	36,006 Da
NCBI Official Full Name	heterogeneous nuclear ribonucleoproteins A2/B1 isoform A2
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein A2/B1
NCBI Official Symbol	HNRNPA2B1
NCBI Official Synonym Symbols	RNPA2; HNRPA2; HNRPB1; SNRPB1; HNRNPA2; HNRNPB1; IBMPFD2; HNRPA2B1
NCBI Protein Information	heterogeneous nuclear ribonucleoproteins A2/B1
UniProt Protein Name	Heterogeneous nuclear ribonucleoproteins A2/B1
UniProt Gene Name	HNRNPA2B1
UniProt Synonym Gene Names	HNRPA2B1; hnRNP A2/B1
UniProt Entry Name	ROA2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hnrmpa2b1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/305922>