



Datasheet for ABIN2776584

anti-HNRNPA2B1 antibody (N-Term)



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3 Images

Overview

Quantity:	100 µL
Target:	HNRNPA2B1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Pig, Dog, Horse, Rabbit, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNRNPA2B1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HNRNPA2B1
Sequence:	MEKTLETVPL ERKKREKEQF RKLFIGGLSF ETTEESLRNY YEQWGKLTDC
Predicted Reactivity:	Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Yeast: 100%
Characteristics:	This is a rabbit polyclonal antibody against HNRNPA2B1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HNRNPA2B1
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Target Details

Alternative Name: HNRNPA2B1 ([HNRNPA2B1 Products](#))

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.

Alias Symbols: DKFZp779B0244, FLJ22720, HNRNPA2, HNRNPB1, HNRPA2, HNRPA2B1, HNRPB1, RNPA2, SNRPB1

Protein Interaction Partner: PA2G4, HUWE1, UBC, TP53, AURKA, SUMO2, SUMO3, CDKN1A, NEDD1, HAUS1, CEP57, STAU1, SUMO1, NEDD8, MDM2, ERG, ASB2, RPA3, RPA2, RPA1, HNRNPL, EED, VHL, rev, RPL39, RPL27A, RAD51, QARS, PTBP1, PSMD13, PSMB4, PSMB1, PSMA6, PSMA5, PSMA4, PAFAH1B2, YBX1, MRE11A,

Protein Size: 353

Molecular Weight: 37 kDa

Gene ID: 3181

NCBI Accession: [NM_031243](#), [NP_112533](#)

UniProt: [P22626](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

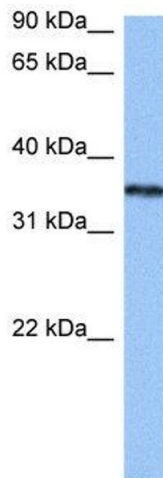
Comment: Antigen size: 353 AA

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-HNRNPA2B1

Antibody Titration: 0.2-1 µg/mL

Positive Control: Jurkat cell lysate

HNRNPA2B1 is supported by BioGPS gene expression data to be expressed in Jurkat

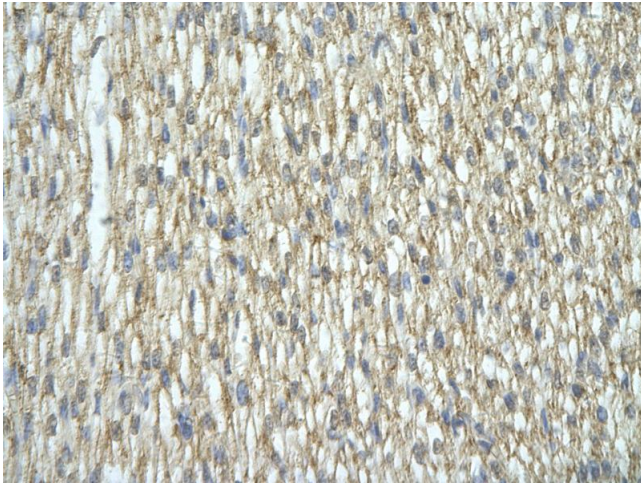


Western Blotting

Image 2. 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



Immunohistochemistry

Image 3. 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