

# [KO Validated] HNRNPA2B1 Rabbit pAb

Catalog No.: A1162 **KO Validated** **6 Publications**

## Basic Information

### Observed MW

36-38kDa

### Calculated MW

37kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

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.

## Recommended Dilutions

<b>WB</b>	1:1000 - 1:5000
<b>IHC-P</b>	1:50 - 1:200
<b>IF/ICC</b>	1:100 - 1:500

## Immunogen Information

### Gene ID

3181

### Swiss Prot

P22626

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human HNRNPA2B1 (NP\_112533.1).

### Synonyms

RNPA2; HNRPA2; HNRPB1; SNRPB1; HNRNPA2; HNRNPB1; IBMPFD2; HNRPA2B1; B1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

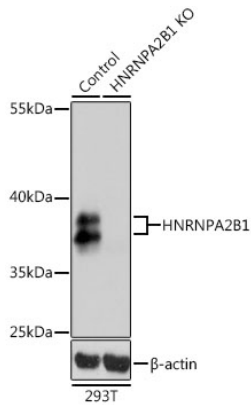
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data



Western blot analysis of lysates from wild type (WT) and HNRNPA2B1 knockout (KO) 293T cells, using [KO Validated] HNRNPA2B1 Rabbit pAb (A1162) at 1:1000 dilution.

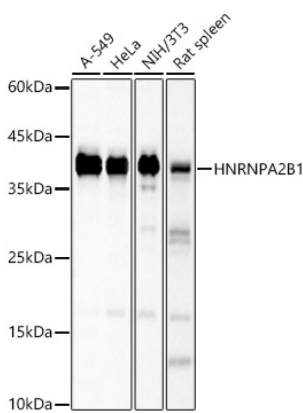
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Western blot analysis of various lysates, using [KO Validated] HNRNPA2B1 Rabbit pAb (A1162) at 1:3500 dilution.

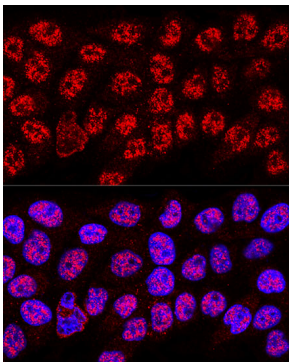
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

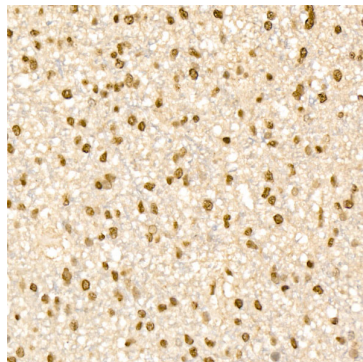
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

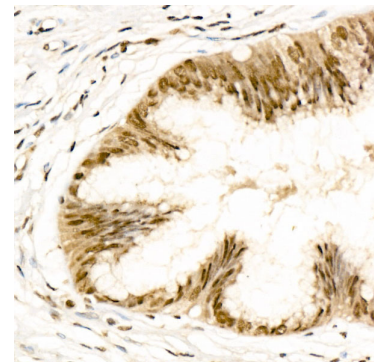
Exposure time: 30s.



Confocal immunofluorescence analysis of HeLa cells using [KO Validated] HNRNPA2B1 Rabbit pAb (A1162) at dilution of 1:400. Blue: DAPI for nuclear staining.



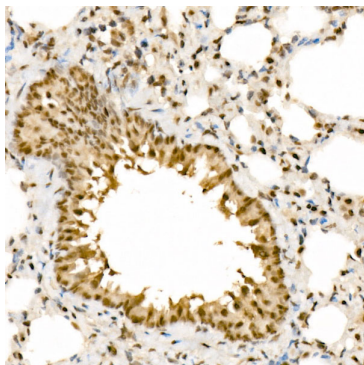
Immunohistochemistry analysis of HNRNPA2B1 in paraffin-embedded human brain tissue using [KO Validated] HNRNPA2B1 Rabbit pAb (A1162) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of HNRNPA2B1 in paraffin-embedded human cervix tissue using [KO Validated] HNRNPA2B1 Rabbit pAb (A1162) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

## Validation Data

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Immunohistochemistry analysis of HNRNPA2B1 in paraffin-embedded rat lung tissue using [KO Validated] HNRNPA2B1 Rabbit pAb (A1162) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.