# [KO Validated] HNRNPA2B1 Rabbit pAb

Catalog No.: A1162 KO Validated 9 Publications



# **Basic Information**

**Observed MW** 36-38kDa

**Calculated MW** 37kDa

Category Primary antibody

Applications WB,IHC-P,IF/ICC,ELISA

**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 guasi-RRM domains that bind to RNAs. This gene has been described to generate two alternatively spliced transcript variants which encode different isoforms.

### **Recommended Dilutions**

WB	1:1000 - 1:5000
IHC-P	1:50 - 1:200
IF/ICC	1:100 - 1:500
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

#### Gene ID 3181

Swiss Prot P22626

#### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

#### Synonyms

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

### Contact

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# **Product Information**

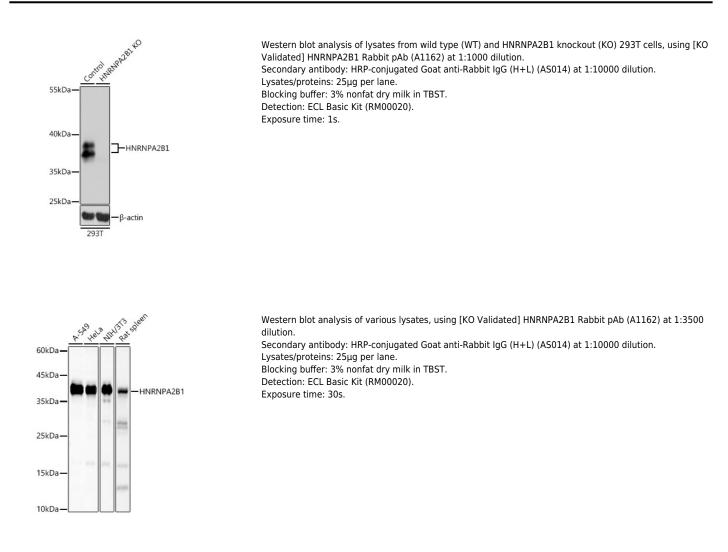
Source	
Rabbit	

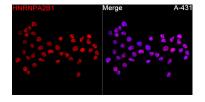
Isotype lgG

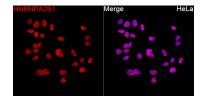
Purification Affinity purification

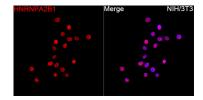
#### Storage

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



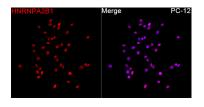




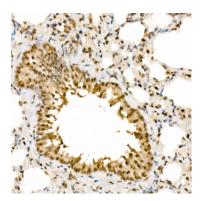


Immunofluorescence analysis of A-431 cells using [KO Validated] HNRNPA2B1 Rabbit pAb (A1162) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

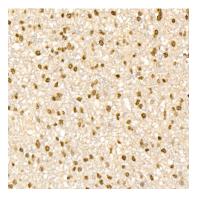
Immunofluorescence analysis of HeLa cells using [KO Validated] HNRNPA2B1 Rabbit pAb (A1162) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] HNRNPA2B1 Rabbit pAb (A1162) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using [KO Validated] HNRNPA2B1 Rabbit pAb (A1162) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffinembedded 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.



Immunohistochemistry analysis of paraffinembedded 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 paraffinembedded 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.