



## Rabbit Anti-hnRNP A2B1 antibody

SL9091R

<b>Product Name:</b>	hnRNP A2B1
<b>Chinese Name:</b>	异质核糖核蛋白hnRNPA2抗体
<b>Alias:</b>	Heterogeneous nuclear ribonucleoprotein A2; Heterogeneous nuclear ribonucleoprotein A2; Heterogeneous nuclear ribonucleoprotein A2/B1; Heterogeneous nuclear ribonucleoprotein A2/B1; Heterogeneous nuclear ribonucleoprotein B1; Heterogeneous nuclear ribonucleoprotein B1; Heterogeneous nuclear ribonucleoproteins A2/B1; hnRNP A2; hnRNP A2/hnRNP B1; hnRNP A2/B1; hnRNP B1; hnRNP-A2; hnRNP-B1; hnRNPA2; Hnrnpa2b1; hnRNPB1; HNRPA2B1; HNRPB1; Nuclear ribonucleoprotein particle A2 protein; Nuclear ribonucleoprotein particle A2 protein; RNP A2; RNP B1; RNP-A2; RNP-B1; RNPA2; RNPB1; ROA2_HUMAN; SNRPB1.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	39kDa
<b>Cellular localization:</b>	The nucleuscytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human hnRNP A2B1:101-200/353
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>

Involved with pre-mRNA processing. Forms complexes (ribonucleosomes) with at least 20 other different hnRNP and heterogeneous nuclear RNA in the nucleus.

**Function:**

Involved with pre-mRNA processing. Forms complexes (ribonucleosomes) with at least 20 other different hnRNP and heterogeneous nuclear RNA in the nucleus.

**Subunit:**

Identified in the spliceosome C complex. Identified in a mRNP granule complex, at least composed of ACTB, ACTN4, DHX9, ERG, HNRNPA1, HNRNPA2B1, HNRNPAB, HNRNPD, HNRNPL, HNRNPR, HNRNPU, HSPA1, HSPA8, IGF2BP1, ILF2, ILF3, NCBP1, NCL, PABPC1, PABPC4, PABPN1, RPLP0, RPS3, RPS3A, RPS4X, RPS8, RPS9, SYNCRIP, TROVE2, YBX1 and untranslated mRNAs. Interacts with IGF2BP1.

**Subcellular Location:**

Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs. Component of ribonucleosomes. Predominantly nucleoplasmic, however isoform A2 is also found in the cytoplasm of cells in some tissues

**Similarity:**

Contains 2 RRM (RNA recognition motif) domains.

**SWISS:**

P22626

**Gene ID:**

3181

**Database links:**

[Entrez Gene: 3181](#)Human

[Entrez Gene: 100045191](#)Mouse

[Entrez Gene: 53379](#)Mouse

[Entrez Gene: 362361](#)Rat

[Omim: 600124](#)Human

[SwissProt: P22626](#)Human

[SwissProt: O88569](#)Mouse

[SwissProt: A7VJC2](#)Rat

[Unigene: 487774](#)Human

[Unigene: 155896](#)Mouse

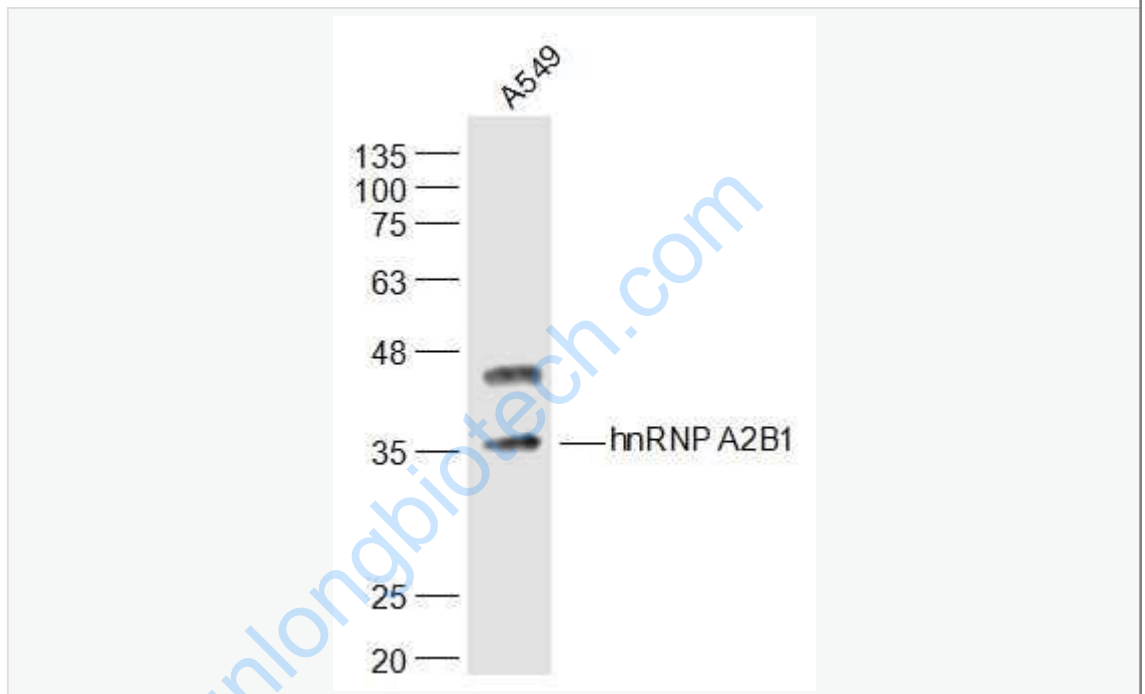
**Product Detail:**

[Unigene: 4057](#)Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Picture:**



Sample:

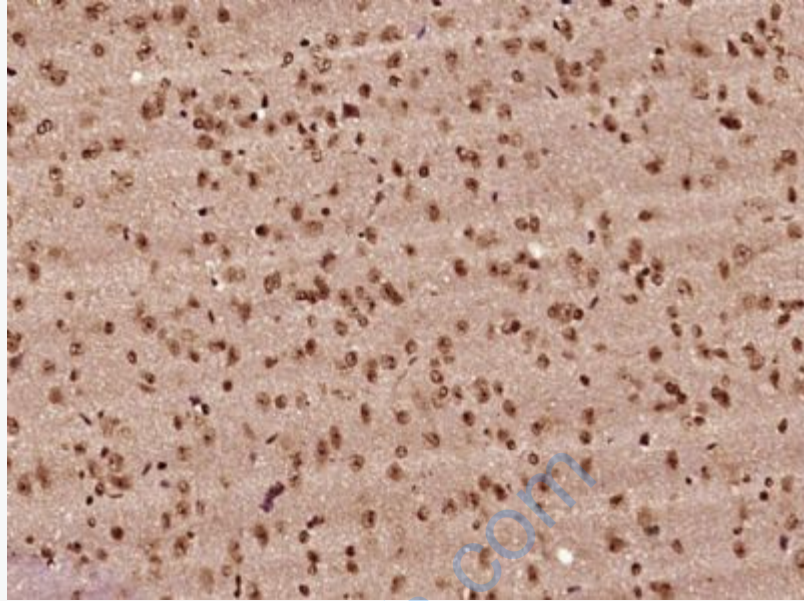
A549(Human) Cell Lysate at 30 ug

Primary: Anti-hnRNP A2B1 (SL9091R) at 1/300 dilution

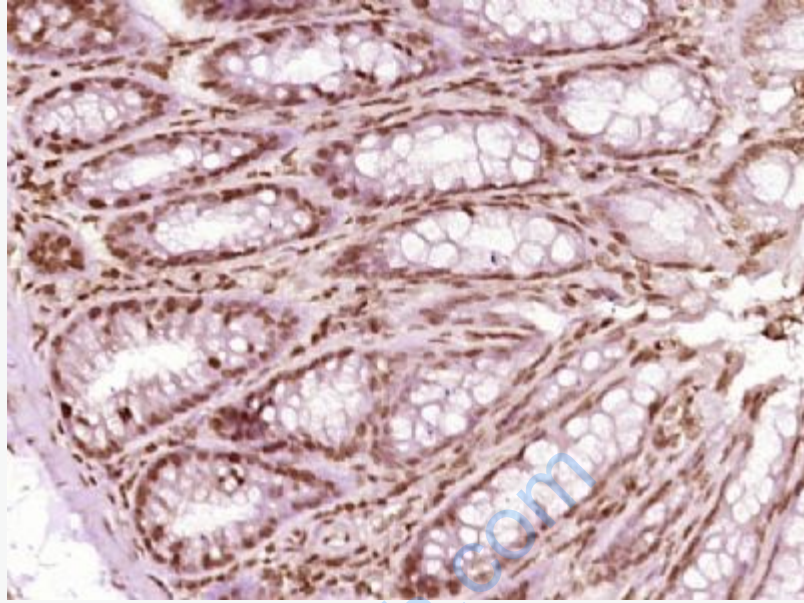
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 39 kD

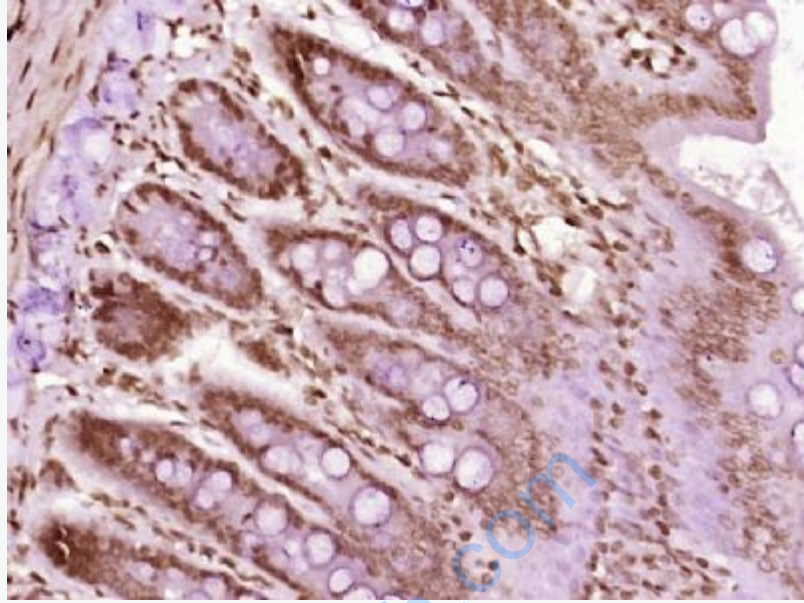
Observed band size: 39 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (hnRNP A2B1) Polyclonal Antibody, Unconjugated (SL9091R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse colon tissue ); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (hnRNP A2B1) Polyclonal Antibody, Unconjugated (SL9091R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat intestine tissue ); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (hnRNP A2B1) Polyclonal Antibody, Unconjugated (SL9091R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.