



## Rabbit Anti-hnRNP A0 antibody

SL17339R

<b>Product Name:</b>	hnRNP A0
<b>Chinese Name:</b>	异质核糖核蛋白A0抗体
<b>Alias:</b>	HNRNPA0; Heterogeneous nuclear ribonucleoprotein A0; hnRNA binding protein; hnRNP A0; HNRNPA0; ROA0_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,Sheep,Cynomolgus Monkey, Rhesus monkey, Gorilla, Marmoset (common)
<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>	31kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human hnRNP A0:1-100/305
<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>
<b>Product Detail:</b>	Heterogeneous nuclear ribonucleoproteins (hnRNPs) constitute a set of polypeptides that contribute to mRNA transcription and pre-mRNA processing as well as mature mRNA transport to the cytoplasm and translation. They also bind heterogeneous nuclear RNA (hnRNA), which are the transcripts produced by RNA polymerase II. There are approximately 20 known hnRNP proteins and their complexes are the major constituents

of the spliceosome. The majority of hnRNP protein components are localized to the nucleus; however, some shuttle between the nucleus and the cytoplasm. hnRNP I, also designated polypyrimidine tract-binding protein (PTB), and its homolog hnRNP L, bind to the 3' end of introns to modulate alternative splicing mechanisms of pre-mRNAs in normal cells and the translation of several viruses, including hepatitis C virus (HCV). The human hnRNP I gene maps to chromosome 19p13.3 and encodes a protein that is localized in the nucleoplasm. hnRNP L, like hnRNP I, is also localized in the nucleoplasm.

**Function:**

This protein is a component of ribonucleosomes.

**Subcellular Location:**

Nucleus. Component of ribonucleosomes.

**Post-translational modifications:**

Arg-291 is dimethylated, probably to asymmetric dimethylarginine.

**Similarity:**

Contains 2 RRM (RNA recognition motif) domains.

**SWISS:**

Q13151

**Gene ID:**

10949

**Database links:**

[Entrez Gene: 416302](#) Chicken

[Entrez Gene: 745876](#) Chimpanzee

[Entrez Gene: 540311](#) Cow

[Entrez Gene: 481524](#) Dog

[Entrez Gene: 10949](#) Human

[Entrez Gene: 77134](#) Mouse

[Entrez Gene: 498696](#) Rat

[Omim: 609409](#) Human

[SwissProt: Q13151](#) Human

[SwissProt: Q9CX86](#) Mouse

[Unigene: 645902](#) Human

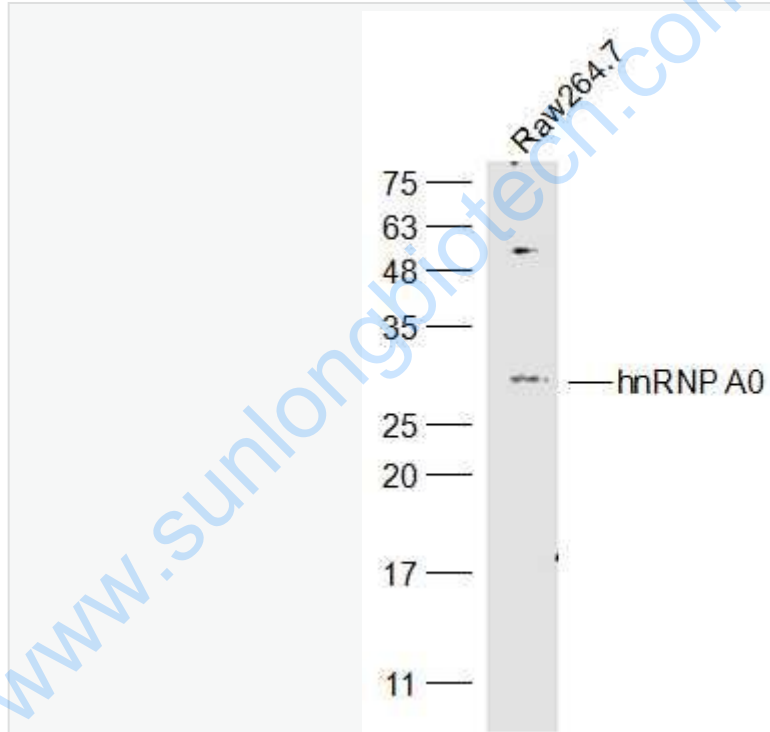
[Unigene: 96996](#) Human

[Unigene: 490274](#) Mouse

**Important Note:**

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

**Picture:**



Sample:

Raw264.7(Mouse) Cell Lysate at 30 ug

Primary: Anti-hnRNP A0 (SL17339R) at 1/300 dilution

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

Predicted band size: 31 kD

	Observed band size: 31 kD
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