



## Rabbit Anti-SLU7 antibody

SL8327R

<b>Product Name:</b>	SLU7
<b>Chinese Name:</b>	SLU7蛋白抗体
<b>Alias:</b>	9G8; hSlu7; MGC9280; Pre mRNA splicing factor SLU7; Pre-mRNA-splicing factor slu7; SLU 7; SLU-7; slu7; SLU7 splicing factor homolog (S. cerevisiae); SLU7 splicing factor homolog; SLU7_HUMAN; Step II splicing factor SLU7; Zinc knuckle motif containing.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (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>	68kDa
<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 SLU7:301-400/586
<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>	Participates in the second catalytic step of pre-mRNA splicing, when the free hydroxyl group of exon I attacks the 3'-splice site to generate spliced mRNA and the excised lariat intron. Required for holding exon 1 properly in the spliceosome and for correct AG identification when more than one possible AG exists in 3'-splicing site region. May

be involved in the activation of proximal AG. Probably also involved in alternative splicing regulation.

**Function:**

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**Subunit:**

Component of late spliceosomal complexes. Associates with the spliceosome prior to recognition of the 3'-splice site for step II, probably during catalysis of step I.

**Subcellular Location:**

Nucleus. Cytoplasm. Predominantly nuclear. Shuttling between the nucleus and the cytoplasm is regulated by the CCHC-type zinc finger. Upon UV-C stress stimulus, the nuclear concentration of the protein decreases, affecting alternative splicing.

**Similarity:**

Belongs to the SLU7 family.

**SWISS:**

O95391

**Gene ID:**

10569

**Database links:**

[Entrez Gene: 10569](#)Human

[Entrez Gene: 193116](#)Mouse

[Entrez Gene: 303057](#)Rat

[Omim: 605974](#)Human

[SwissProt: O95391](#)Human

[SwissProt: Q8BHI9](#)Mouse

[SwissProt: Q80ZG5](#)Rat

[Unigene: 435342](#)Human

[Unigene: 28200](#)Mouse

[Unigene: 137183Rat](#)

**Important Note:**

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

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