

## U1 snRNP A Antibody (RQ7775)

Catalog No.	Formulation	Size
RQ7775	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	P09012
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This U1 snRNP A antibody is available for research use only.



### Description

U1 small nuclear ribonucleoprotein A is a protein that in humans is encoded by the SNRPA gene. The protein encoded by this gene associates with stem loop II of the U1 small nuclear ribonucleoprotein, which binds the 5' splice site of precursor mRNAs and is required for splicing. The encoded protein autoregulates itself by polyadenylation inhibition of its own pre-mRNA via dimerization and has been implicated in the coupling of splicing and polyadenylation.

## Application Notes

Optimal dilution of the U1 snRNP A antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant human protein (amino acids E25-E218) was used as the immunogen for the U1 snRNP A antibody.

## Storage

After reconstitution, the U1 snRNP A antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.