

**U1A Antibody**  
Rabbit mAb  
Catalog # AP91696

## Specification

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### U1A Antibody - Product Information

|                                  |                        |
|----------------------------------|------------------------|
| Application                      | WB, ICC, IP            |
| Primary Accession                | <a href="#">P09012</a> |
| Reactivity                       | Rat                    |
| Clonality                        | Monoclonal             |
| <b>Other Names</b>               |                        |
| Mud1; snRNP A; SNRPA; U1-A; U1A; |                        |
| Isotype                          | Rabbit IgG             |
| Host                             | Rabbit                 |
| Calculated MW                    | 31280 Da               |

### U1A Antibody - Additional Information

|                              |   |
|------------------------------|---|
| Purification                 | <b>Affinity-chromatography</b>  |
| Immunogen                    | <b>A synthesized peptide derived from human U1A</b>   |
| Description                  | <b>Binds stem loop II of U1 snRNA. It is the first snRNP to interact with pre-mRNA. This interaction is required for the subsequent binding of U2 snRNP and the U4/U6/U5 tri-snRNP. In a snRNP-free form (SF-A) may be involved in coupled pre-mRNA splicing and polyadenylation process.</b> |
| Storage Condition and Buffer | <b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>  |

### U1A Antibody - Protein Information

**Name** SNRPA

#### Function

Component of the spliceosomal U1 snRNP, which is essential for recognition of the pre-mRNA 5' splice-site and the subsequent assembly of the spliceosome. U1 snRNP is the first snRNP to interact with pre-mRNA. This interaction is required for the subsequent binding of U2 snRNP and the U4/U6/U5 tri-snRNP. SNRPA binds stem loop II of U1 snRNA. In a snRNP-free form (SF-A) may be involved in coupled pre-mRNA splicing and polyadenylation process. May bind preferentially to the 5'-UGCAC-3' motif on RNAs.

#### Cellular Location

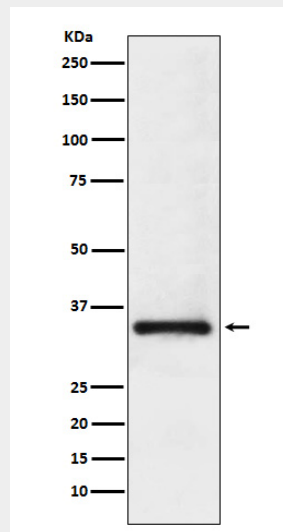
Nucleus.

## U1A Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## U1A Antibody - Images



Western blot analysis of U1A expression in Jurkat cell lysate.