

U1A Antibody
Rabbit mAb
Catalog # AP91696

Specification

U1A Antibody - Product Information

Application	WB, ICC, IP
Primary Accession	P09012
Reactivity	Rat
Clonality	Monoclonal
Other Names	
Mud1; snRNP A; SNRPA; U1-A; U1A;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	31280 Da

U1A Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human U1A
Description	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.
Storage Condition and Buffer	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.

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

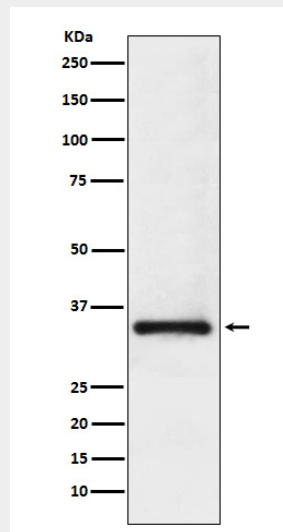
Nucleus.

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.