

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

Dilution WB~~1:1000

ICC~~N/A IP~~N/A

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.



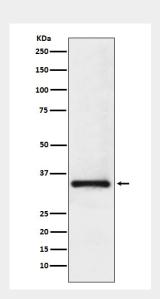
Cellular Location Nucleus.

U1A Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

U1A Antibody - Images



Western blot analysis of U1A expression in Jurkat cell lysate.