

SNRPA Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP14764c**Specification**

SNRPA Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P09012](#)**SNRPA Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 6626**Other Names**

U1 small nuclear ribonucleoprotein A, U1 snRNP A, U1-A, U1A, SNRPA

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SNRPA Antibody (Center) Blocking Peptide - 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.

SNRPA Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SNRPA Antibody (Center) Blocking Peptide - Images

SNRPA Antibody (Center) Blocking Peptide - Background

The protein encoded by this gene associates with stem loopII 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.

SNRPA Antibody (Center) Blocking Peptide - References

Guan, F., et al. RNA 13(12):2129-2140(2007) Hall-Pogar, T., et al. RNA 13(7):1103-1115(2007) Shajani, Z., et al. J. Mol. Biol. 349(4):699-715(2005) Andersen, J.S., et al. Nature 433(7021):77-83(2005) Jessen, T.H., et al. EMBO J. 10(11):3447-3456(1991)