10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# SNRPF Antibody (Center) Blocking Peptide

**Synthetic peptide**
**Catalog # BP2815c**

## Specification

### SNRPF Antibody (Center) Blocking Peptide - Product Information

Primary Accession P62306

### SNRPF Antibody (Center) Blocking Peptide - Additional Information

**Gene ID** 6636

**Other Names**
Small nuclear ribonucleoprotein F, snRNP-F, Sm protein F, Sm-F, SmF, SNRPF, PBSCF

**Target/Specificity**
The synthetic peptide sequence used to generate the antibody <a href=/products/AP2815c>AP2815c</a> was selected from the Center region of human SNRPF. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

### SNRPF Antibody (Center) Blocking Peptide - Protein Information

**Name** SNRPF

**Synonyms** PBSCF

**Function**
Plays a role in pre-mRNA splicing as a core component of the spliceosomal U1, U2, U4 and U5 small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome (PubMed:<a href="http://www.uniprot.org/citations/11991638" target="_blank">11991638</a>, PubMed:<a href="http://www.uniprot.org/citations/18984161" target="_blank">18984161</a>, PubMed:<a href="http://www.uniprot.org/citations/19325628" target="_blank">19325628</a>, PubMed:<a href="http://www.uniprot.org/citations/23333303" target="_blank">23333303</a>, PubMed:<a href="http://www.uniprot.org/citations/25555158" target="_blank">25555158</a>, PubMed:<a href="http://www.uniprot.org/citations/26912367" target="_blank">26912367</a>, PubMed:<a href="http://www.uniprot.org/citations/28502770" target="_blank">28502770</a>, PubMed:<a href="http://www.uniprot.org/citations/28781166" target="_blank">28781166</a>, PubMed:<a

href="http://www.uniprot.org/citations/28076346" target="_blank">28076346</a>, PubMed:<a href="http://www.uniprot.org/citations/32494006" target="_blank">32494006</a>). Component of both the pre-catalytic spliceosome B complex and activated spliceosome C complexes (PubMed:<a href="http://www.uniprot.org/citations/11991638" target="_blank">11991638</a>, PubMed:<a href="http://www.uniprot.org/citations/28502770" target="_blank">28502770</a>, PubMed:<a href="http://www.uniprot.org/citations/28781166" target="_blank">28781166</a>, PubMed:<a href="http://www.uniprot.org/citations/28076346" target="_blank">28076346</a>). As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (PubMed:<a href="http://www.uniprot.org/citations/15146077" target="_blank">15146077</a>). As part of the U7 snRNP it is involved in histone 3'-end processing (PubMed:<a href="http://www.uniprot.org/citations/12975319" target="_blank">12975319</a>).

**Cellular Location**
Cytoplasm, cytosol. Nucleus. Note=SMN- mediated assembly into core snRNPs occurs in the cytosol before SMN- mediated transport to the nucleus to be included in spliceosomes

## SNRPF Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

## SNRPF Antibody (Center) Blocking Peptide - Images

## SNRPF Antibody (Center) Blocking Peptide - Background

SNRPF is associated with snRNP U1, U2, U4/U6 and U5.

## SNRPF Antibody (Center) Blocking Peptide - References

Ma,Y., Structure 13 (6), 883-892 (2005)Lehner,B., Genome Res. 14 (7), 1315-1323 (2004)Hermann,H., EMBO J. 14 (9), 2076-2088 (1995)