

**SNRPC Antibody (C-term) Blocking Peptide**  
Synthetic peptide  
Catalog # BP2841b**Specification****SNRPC Antibody (C-term) Blocking Peptide -  
Product Information**Primary Accession [P09234](#)**SNRPC Antibody (C-term) Blocking Peptide -  
Additional Information**

Gene ID 6631

**Other Names**

U1 small nuclear ribonucleoprotein C  
{ECO:0000255|HAMAP-Rule:MF\_03153}, U1  
snRNP C  
{ECO:0000255|HAMAP-Rule:MF\_03153},  
U1-C  
{ECO:0000255|HAMAP-Rule:MF\_03153},  
U1C  
{ECO:0000255|HAMAP-Rule:MF\_03153},  
SNRPC  
{ECO:0000255|HAMAP-Rule:MF\_03153}

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP2841b](/products/AP2841b) was selected from the C-term region of human SNRPC. 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.

**SNRPC Antibody (C-term) Blocking Peptide  
- Background**

SNRPC is associated with snRNP U1.

**SNRPC Antibody (C-term) Blocking Peptide  
- References**

Hochleitner, E.O., J. Biol. Chem. 280 (4), 2536-2542 (2005)  
Muto, Y., J. Mol. Biol. 341 (1), 185-198 (2004)  
Forch, P., EMBO J. 21 (24), 6882-6892 (2002)  
Gunnewiek, J.M., Nucleic Acids Res. 23 (23), 4864-4871 (1995)

**SNRPC Antibody (C-term) Blocking Peptide -  
Protein Information****Name** SNRPC

{ECO:0000255|HAMAP-Rule:MF\_03153}

**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. SNRPC/U1-C is directly involved in initial 5' splice-site recognition for both constitutive and regulated alternative splicing. The interaction with the 5' splice-site seems to precede base-pairing between the pre-mRNA and the U1 snRNA. Stimulates commitment or early (E) complex formation by stabilizing the base pairing of the 5' end of the U1 snRNA and the 5' splice-site region.

**Cellular Location**

Nucleus

{ECO:0000255|HAMAP-Rule:MF\_03153,  
ECO:0000269|PubMed:2136774}**SNRPC Antibody (C-term) Blocking Peptide  
- Protocols**

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

- [Blocking Peptides](#)