

**SNRPC Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP2841b****Specification**

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**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 - 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](#)

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