

**SNRPC Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5526**

**Specification**

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**SNRPC Antibody (C-term) - Product Information**

Application	WB, IHC-P, FC,E
Primary Accession	<a href="#">P09234</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=17;M=17;R=17 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

**SNRPC Antibody (C-term) - Additional Information**

**Gene ID** 6631

**Antigen Region**  
148-179

**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}

**Dilution**

WB~~1:1000  
IHC-P~~1:50~100  
FC~~1:10~50

**Target/Specificity**

This SNRPC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 148-179 amino acids from the C-terminal region of human SNRPC.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

SNRPC Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**SNRPC Antibody (C-term) - 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

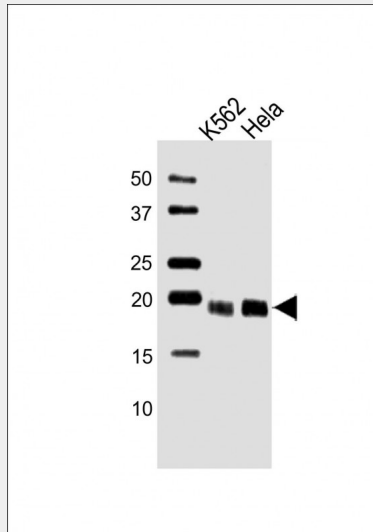
Nucleus {ECO:0000255|HAMAP-Rule:MF\_03153, ECO:0000269|PubMed:2136774}

### SNRPC Antibody (C-term) - Protocols

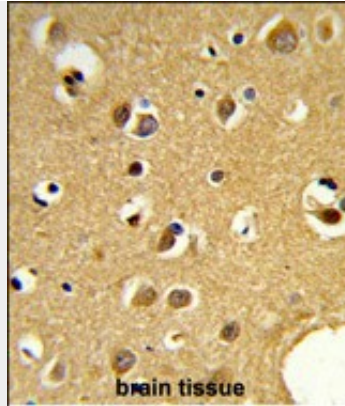
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

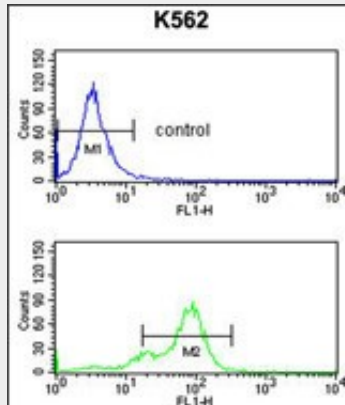
### SNRPC Antibody (C-term) - Images



All lanes : Anti-SNRPC Antibody (C-term) at 1:1000 dilution Lane 1: K562 whole cell lysate Lane 2: HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 17 kDa Blocking/Dilution buffer: 5% NFD/MTBST.



Formalin-fixed and paraffin-embedded human brain tissue reacted with SNRPC Antibody (C-term) (Cat.#AW5526), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



SNRPC Antibody (C-term) (Cat. #AW5526) flow cytometry analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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

SNRPC is associated with snRNP U1.

**SNRPC Antibody (C-term) - 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) - Citations**

- [U1 snRNP proteins promote proximal alternative polyadenylation sites by directly interacting with 3' end processing core factors](#)