

**SNRPC Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP2841b**

### Specification

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

Application	FC, IHC-P, WB,E
Primary Accession	<a href="#">P09234</a>
Other Accession	<a href="#">D3ZCL3</a> , <a href="#">Q62241</a> , <a href="#">E1C6F0</a> , <a href="#">Q32PA0</a>
Reactivity	Human
Predicted	Bovine, Chicken, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	17394
Antigen Region	133-159

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

This SNRPC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 133-159 amino acids from the C-terminal region of human SNRPC.

##### Dilution

FC~~1:10~50  
IHC-P~~1:50~100  
WB~~1:1000  
E~~Use at an assay dependent concentration.

##### Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

##### 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**

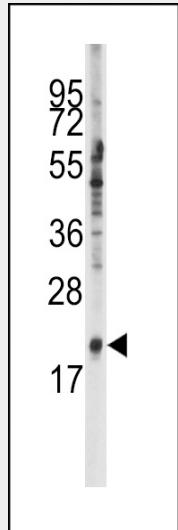
Nucleus {ECO:0000255|HAMAP-Rule:MF\_03153, ECO:0000269|PubMed:2136774}

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

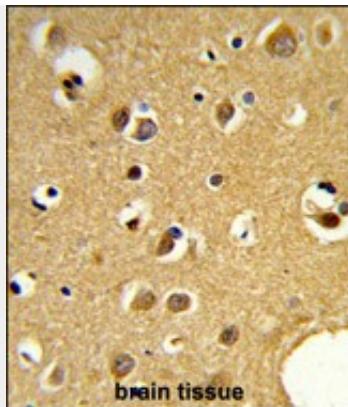
Provided below are standard protocols that you may find useful for product applications.

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

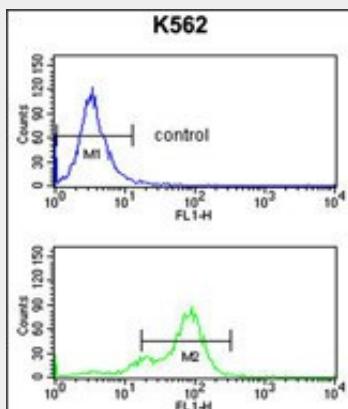
**SNRPC Antibody (C-term) - Images**



Western blot analysis of anti-SNRPC Antibody (C-term) (Cat.#AP2841b) in K562 cell line lysates (35ug/lane). SNRPC(arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with SNRPC Antibody (C-term) (Cat.#AP2841b), 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. #AP2841b) 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)