

SNRPC Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP2841b

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	P09234
Other Accession	D3ZCL3 , Q62241 , E1C6F0 , Q32PA0
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Chicken, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB17340
Calculated MW	17394
Antigen Region	133-159

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	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 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.

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}

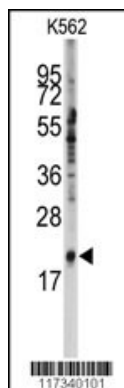
Background

SNRPC is associated with snRNP U1.

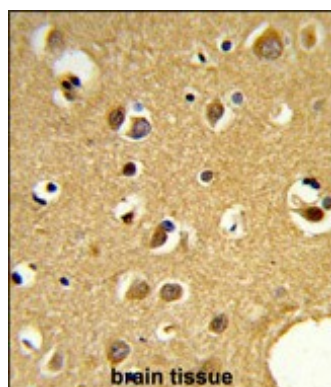
References

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)

Images

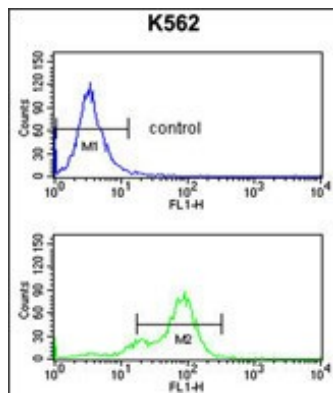


Western blot analysis of anti-SNRPC Antibody (C-term) (Cat.#AP2841b) in K562 cell line lysates (35ug/lane). SNRPC(arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with PSMA6 Antibody (Center), 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.