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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, Canine, Rabbit
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}

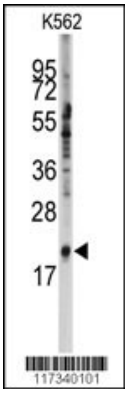
Background

SNRPC is associated with snRNP U1.

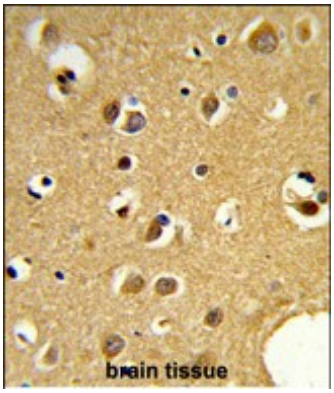
References

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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

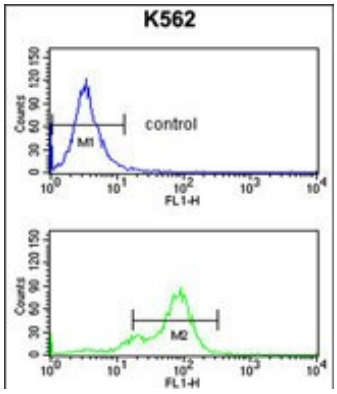


Western blot analysis of anti-SNRPC Antibody (C-term) (Cat.#AP2841b) in K562 cell line lysates (35ug/lane). SNRPC(arrow) was detected using the purified Pab.



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'.