

Product Name: KD-Validated SNRPA1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01344**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC,IHC-P
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000; IHC-P 1:100-1:200
Molecular Weight	Calculated MW: 28.4kDa

Antigen Information

Gene Name	SNRPA1
Alternative Names	SNRPA1; Small Nuclear Ribonucleoprotein Polypeptide A'; Lea1; U2A'; U2 Small Nuclear Ribonucleoprotein A'; U2 SnRNP A'; U2 Small Nuclear Ribonucleoprotein Polypeptide A'
Gene ID	6627.0
SwissProt ID	P09661
Immunogen	A synthesized peptide derived from human SNRPA1

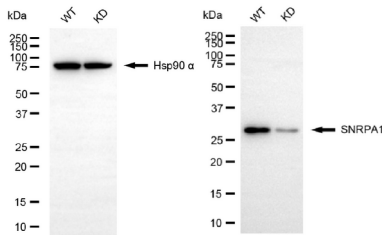
Background

Enables RNA binding activity. Involved in mRNA splicing, via spliceosome and spermatogenesis. Located in nuclear speck. Part of U2-type catalytic step 2 spliceosome and U2-type precatalytic spliceosome. Implicated in connective tissue disease. [provided by Alliance of Genome Resources, Jul 2025]

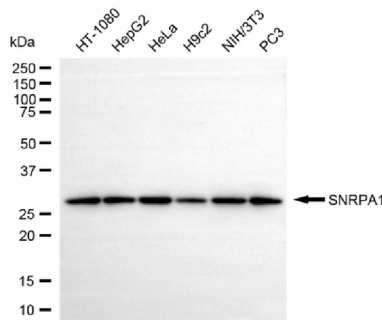
Research Area

Immunology, Epigenetics and Nuclear Signaling

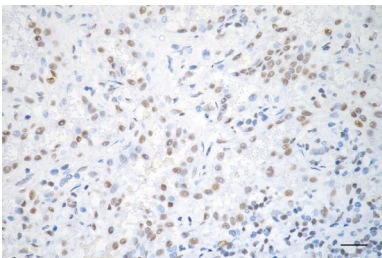
Image Data



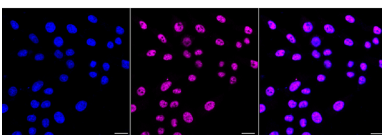
Western blotting analysis using SNRPA1 antibody (KVA01344). SNRPA1 expression in wild-type (WT) and SNRPA1 knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with SNRPA1 antibody (KVA01344, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



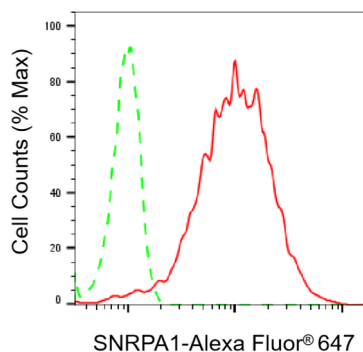
Western blotting analysis using SNRPA1 antibody (KVA01344). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with SNRPA1 antibody (KVA01344, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunohistochemistry was performed on paraffin-embedded human lung adenocarcinoma using SNRPA1 antibody (KVA01344, 1:200). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40× objective). Scale bar: 25 µm.



Immunocytochemical staining of HepG2 cells with SNRPA1 antibody (KVA01344, 1:1,000). Nuclei were stained blue with DAPI; SNRPA1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Flow cytometric analysis of SNRPA1 expression in HepG2 cells using SNRPA1 antibody (KVA01344, 1:2,000). Green, isotype control; red, SNRPA1.