SNRPA1 Rabbit mAb

Catalog No.: A0647 Recombinant 3 Publications



Basic Information

Observed MW

28 kDa

Calculated MW

28 kDa

Category

Primary antibody

Applications

WB,IP,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2532

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.

Recommended Dilutions

WB 1:1000 - 1:6000

IP 0.5μg-4μg antibody for 200μg-400μg extracts of

whole cells

IHC-P 1:200 - 1:800

ELISA Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID6627

Swiss Prot
P09661

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

Lea1; U2A'; SNRPA1

Contact

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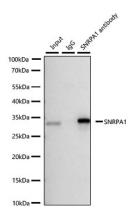
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

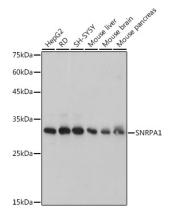
Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.



Immunoprecipitation of SNRPA1 from 300 μg extracts of Hep G2 cells was performed using 3 μg of SNRPA1 Rabbit mAb (A0647). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1× Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using SNRPA1 Rabbit mAb (A0647) at a dilution of 1:5000.

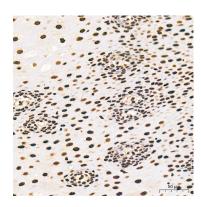


Western blot analysis of various lysates, using SNRPA1 Rabbit mAb (A0647) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: $25\mu g$ per lane.

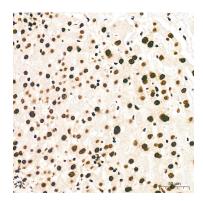
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3s.



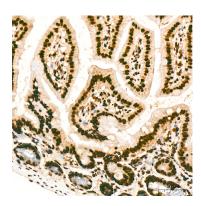
Immunohistochemistry analysis of paraffinembedded Human esophagus tissue using SNRPA1 Rabbit mAb (A0647) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human liver tissue using SNRPA1 Rabbit mAb (A0647) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human thyroid tissue using SNRPA1 Rabbit mAb (A0647) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse intestin tissue using SNRPA1 Rabbit mAb (A0647) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Rat intestine tissue using SNRPA1 Rabbit mAb (A0647) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.