SNRPA1 Monoclonal Antibody

CAB0647

Description

This SNRPA1 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB0647
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	Lea1, U2A', SNRPA1
Clone:	ARC2532
Applications:	WB IHC-P IP ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	6627
Uniprot:	-
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	28 kDa
Calculated MW:	28 kDa

Preparation & Storage

Storage: Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

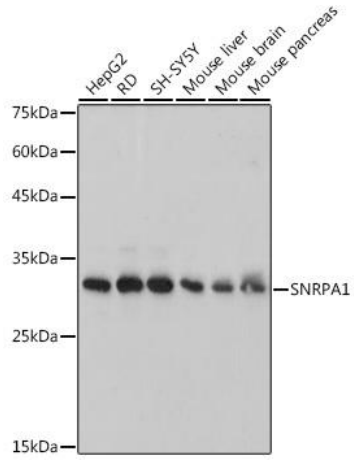
Positive Sample: HepG2, RD, SH-SY5Y, Mouse liver, Mouse brain, Mouse pancreas

Recommended Dilutions:

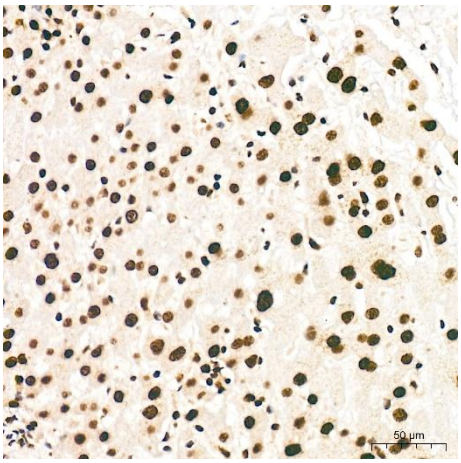
WB	1:1000 - 1:6000
IP	0.5μg-4μg antibody for 200μg-400μg extracts of whole cells
IHC-P	1:200 - 1:800
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

Validation Data

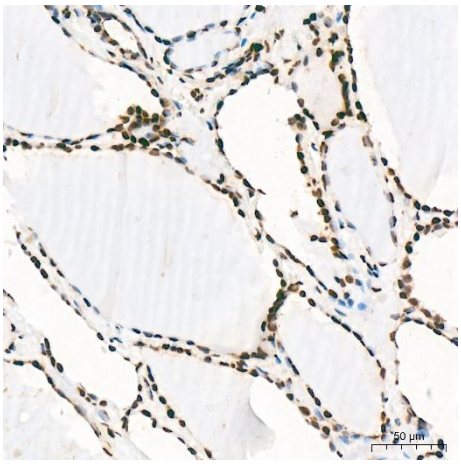


Western blot analysis of various lysates, using SNRPA1 Rabbit mAb (CAB0647) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25μg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3s.

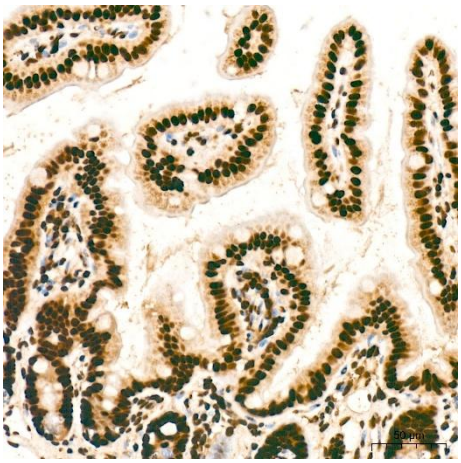


Immunohistochemistry analysis of paraffin-embedded Human liver tissue using SNRPA1 Rabbit mAb (CAB0647) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

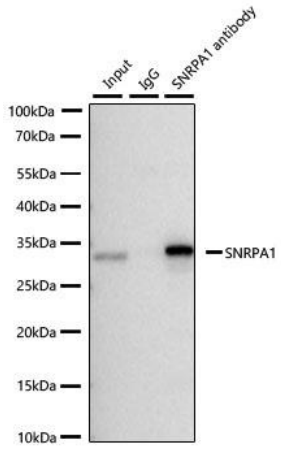
Immunohistochemistry analysis of paraffin-embedded Mouse intestin tissue using SNRPA1 Rabbit mAb (CAB0647) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat intestine tissue using SNRPA1 Rabbit mAb (CAB0647) 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 paraffin-embedded Rat intestine tissue using SNRPA1 Rabbit mAb (CAB0647) 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.



Immunoprecipitation of SNRPA1 from 300 µg extracts of Hep cells was performed using 3 µg of SNRPA1 Rabbit mAb (CAB0647). Rabbit Control IgG (CABC005) 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 (CAB0647) at a dilution of 1:5000.