

A9609

Leader in Biomolecular Solutions for Life Science



# hnRNP Q/SYNCRIP Rabbit mAb

Catalog No.: A9609

Recombinant

1 Publications

## Basic Information

### Observed MW

70-85kDa

### Calculated MW

70kDa

### Category

SMab Recombinant Monoclonal  
Antibody

### Applications

WB,IHC-P,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

### CloneNo number

ARC1656

## Background

This gene encodes a member of the cellular heterogeneous nuclear ribonucleoprotein (hnRNP) family. hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA (hnRNA) and regulate alternative splicing, polyadenylation, and other aspects of mRNA metabolism and transport. The encoded protein plays a role in multiple aspects of mRNA maturation and is associated with several multiprotein complexes including the apoB RNA editing-complex and survival of motor neurons (SMN) complex. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the short arm of chromosome 20.

## Recommended Dilutions

**WB** 1:1000 - 1:6000

**IHC-P** 1:50 - 1:200

**IF/ICC** 1:200 - 1:2000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

10492

### Swiss Prot

O60506

### Immunogen

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

### Synonyms

PP68; NSAP1; GRYRBP; HNRNPQ; HNRPQ1; GRY-RBP; hnRNP-Q; hnRNP Q/SYNCRIP

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

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

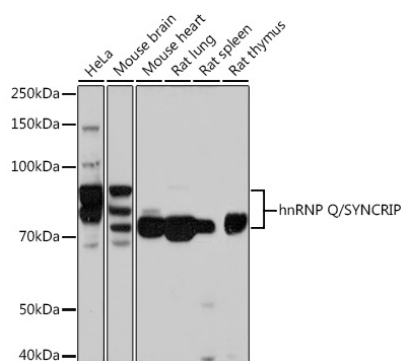
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data



Western blot analysis of various lysates using hnRNP Q/SYNCRIP /SYNCRIP Rabbit mAb (A9609) at 1:1000 dilution.

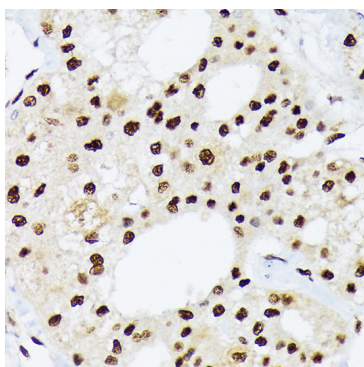
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

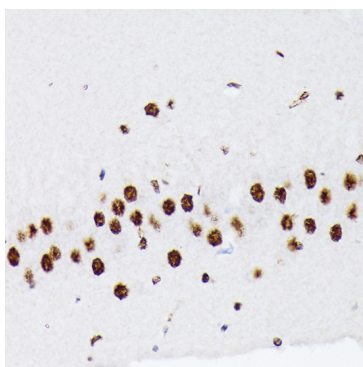
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

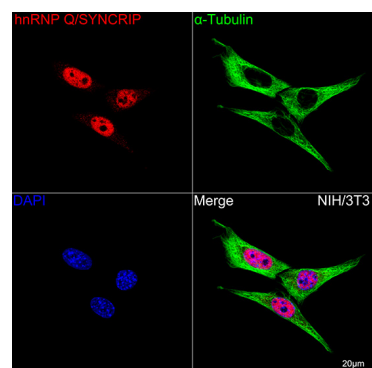
Exposure time: 3s.



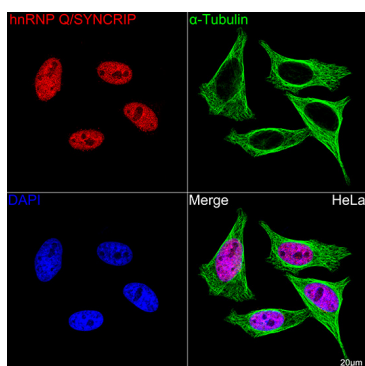
Immunohistochemistry analysis of paraffin-embedded Human liver cancer using hnRNP Q/SYNCRIP /SYNCRIP Rabbit mAb (A9609) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



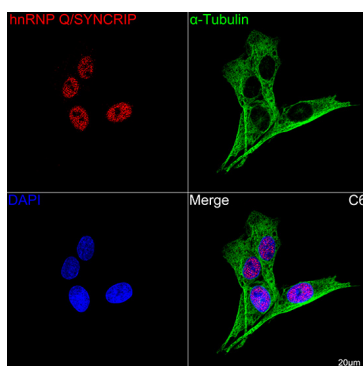
Immunohistochemistry analysis of paraffin-embedded Mouse brain using hnRNP Q/SYNCRIP /SYNCRIP Rabbit mAb (A9609) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of NIH/3T3 cells using hnRNP Q/SYNCRIP Rabbit mAb (A9609, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of HeLa cells using hnRNP Q/SYNCRIP Rabbit mAb (A9609, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of C6 cells using hnRNP Q/SYNCRIP Rabbit mAb (A9609, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.

# Validation Data

---

Mouse mAb (AC012, dilution 1:400)  
followed by incubation with ABflo®  
488-conjugated Goat Anti-Mouse  
IgG (H+L) Ab (AS076, dilution 1:500)  
(Green). DAPI was used for nuclear  
staining (Blue). Objective: 100x.

Mouse mAb (AC012, dilution 1:400)  
followed by incubation with ABflo®  
488-conjugated Goat Anti-Mouse  
IgG (H+L) Ab (AS076, dilution 1:500)  
(Green). DAPI was used for nuclear  
staining (Blue). Objective: 100x.