

# Fibrillarin/U3 RNP Rabbit pAb

Catalog No.: A25628

## Basic Information

### Observed MW

34kDa/

### Calculated MW

34kDa

### Category

Primary antibody

### Applications

ELISA,IHC-P,IP

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene product is a component of a nucleolar small nuclear ribonucleoprotein (snRNP) particle thought to participate in the first step in processing preribosomal RNA. It is associated with the U3, U8, and U13 small nuclear RNAs and is located in the dense fibrillar component (DFC) of the nucleolus. The encoded protein contains an N-terminal repetitive domain that is rich in glycine and arginine residues, like fibrillarins in other species. Its central region resembles an RNA-binding domain and contains an RNP consensus sequence. Antisera from approximately 8% of humans with the autoimmune disease scleroderma recognize fibrillarin.

## Recommended Dilutions

IHC-P 1:50 - 1:200

IP 0.5µg-4µg antibody for  
400µg-600µg extracts of  
whole cells

## Immunogen Information

### Gene ID

2091

### Swiss Prot

P22087

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 111-210 of human Fibrillarin/U3 RNP (NP\_001427.2).

### Synonyms

FIB; FLRN; Nop1; RNU3IP1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

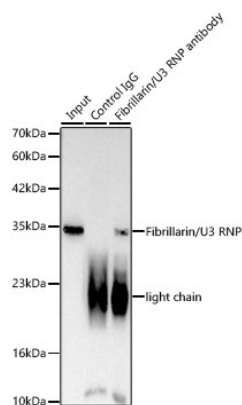
Affinity purification

### Storage

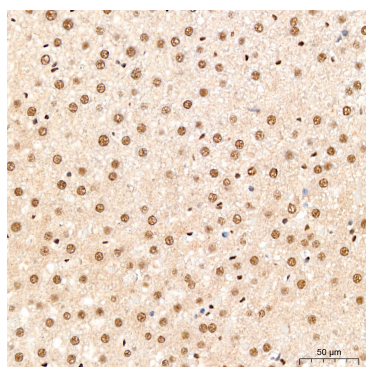
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

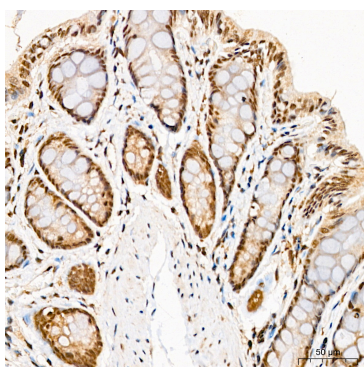
## Validation Data



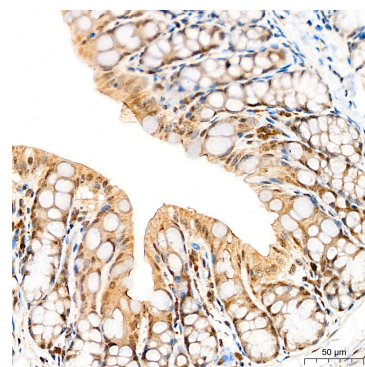
Immunoprecipitation of Fibrillarin/U3 RNP from 500 µg extracts of Hep G2 cells was performed using 3 µg of Fibrillarin/U3 RNP Rabbit pAb (A25628). Rabbit IgG isotype control (AC042) was used to precipitate the Control IgG sample. IP samples were eluted with 1X non-reducing Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using Fibrillarin/U3 RNP Rabbit pAb (A0850) at a dilution of 1:5000.



Immunohistochemistry analysis of Fibrillarin/U3 RNP in paraffin-embedded Rat liver tissue using Fibrillarin/U3 RNP Rabbit pAb (A25628) 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 Fibrillarin/U3 RNP in paraffin-embedded Rat colon tissue using Fibrillarin/U3 RNP Rabbit pAb (A25628) 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 Fibrillarin/U3 RNP in paraffin-embedded Mouse colon tissue using Fibrillarin/U3 RNP Rabbit pAb (A25628) 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.