

# Fibrillarin/U3 RNP Rabbit pAb

Catalog No.: A1136 **7 Publications**

## Basic Information

### Observed MW

36kDa

### Calculated MW

34kDa

### Category

Primary antibody

### Applications

WB,IF/ICC,IP,ELISA

### Cross-Reactivity

Human, Mouse, Rat, Monkey

## 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

<b>WB</b>	1:500 - 1:5000
<b>IP</b>	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
<b>IF/ICC</b>	1:50 - 1:200
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Contact

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## Immunogen Information

### Gene ID

2091

### Swiss Prot

P22087

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

FIB; FLRN; Nop1; RNU3IP1; Fibrillarin/U3 RNP

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

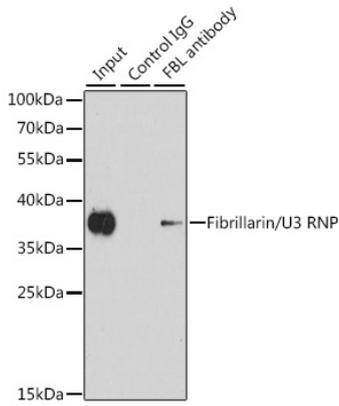
Affinity purification

### Storage

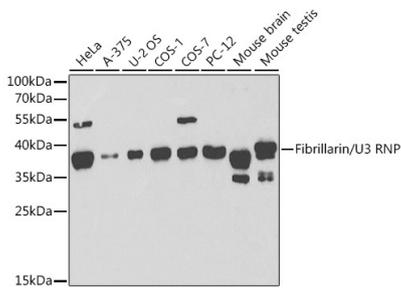
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

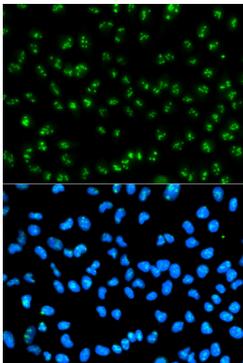
## Validation Data



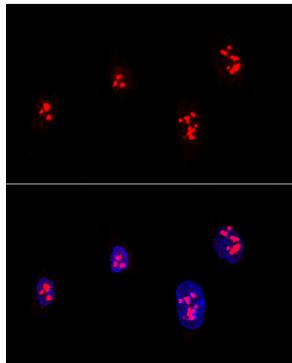
Immunoprecipitation analysis of 200  $\mu$ g extracts of HeLa cells using 1  $\mu$ g Fibrillarin/U3 RNP antibody (A1136). Western blot was performed from the immunoprecipitate using Fibrillarin/U3 RNP antibody (A1136) at a dilution of 1:1000.



Western blot analysis of various lysates using Fibrillarin/U3 RNP Rabbit pAb (A1136) 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.



Immunofluorescence analysis of HeLa cells using Fibrillarin/U3 RNP Rabbit pAb (A1136) at dilution of 1:100. Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of U-20S cells using Fibrillarin/U3 RNP Rabbit pAb (A1136) at dilution of 1:200. Blue: DAPI for nuclear staining.