

Fibrillarin/U3 RNP Antibody

CAB13490

Description

This Fibrillarin/U3 RNP 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: | CAB13490 |
| Contents: | 20 µL, 100 µL Bradford Reagent: 1 vial (2ml) |
| Category: | Polyclonal Antibody |
| Synonyms: | FIB, FLRN, Nop1, RNU3IP1, Fibrillarin/U3 RNP |
| Clone: | - |
| Applications: | WB IF/ICC IP ELISA |
| Conjugation: | Unconjugated |
| Reactivity: | Human, Mouse, Rat, Monkey |

Antibody Data

| | |
|-----------------------|-----------------------|
| Gene ID: | 2091 |
| Uniprot: | AB_2760353 |
| Host Species: | Rabbit |
| Purification: | Affinity purification |
| Observed MW: | 37 kDa |
| Calculated MW: | 34 kDa |

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% sodium azide, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

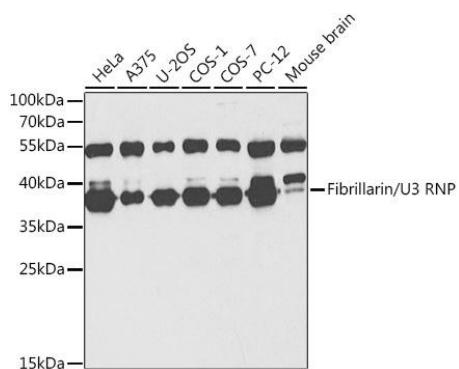
Positive Sample: HeLa, A375, U-2OS, COS-1, COS-7, PC-12, Mouse brain

Recommended Dilutions:

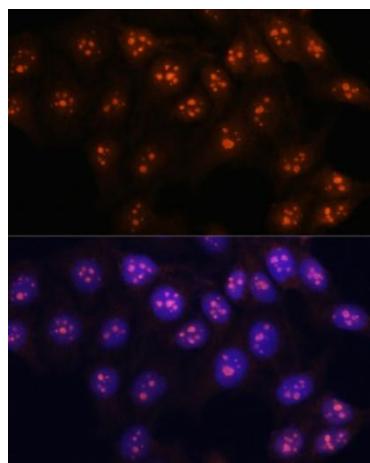
| | |
|---------------|---|
| WB | 1:500 - 1:5000 |
| IF/ICC | 1:50 - 1:200 |
| IP | 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

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

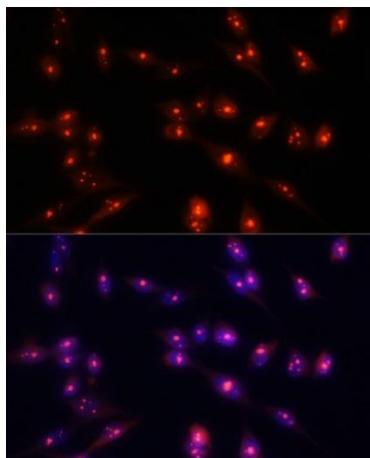
Validation Data



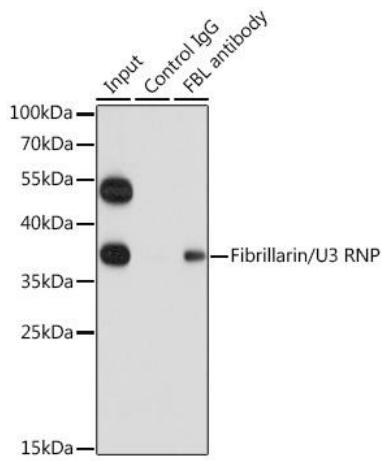
Western blot analysis of various lysates using Fibrillarin/ RNP Rabbit pAb (CAB13490) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of HeLa cells using Fibrillarin/ RNP Rabbit pAb (CAB13490) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using Fibrillarin/ RNP Rabbit pAb (CAB13490) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200 µg extracts of HeLa cells using 1 µg Fibrillarin/ RNP Rabbit pAb (CAB13490). Western blot was performed from the immunoprecipitate using Fibrillarin/ RNP Rabbit pAb (CAB13490) at a dilution of 1:1000.