

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.

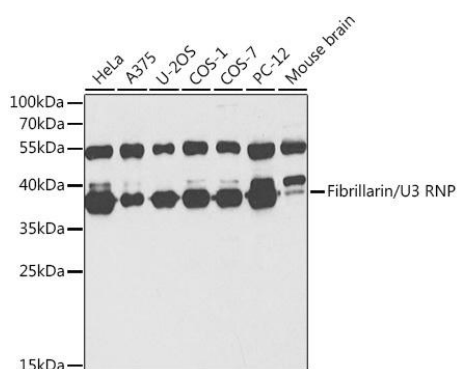
Positive Sample: HeLa, A375, U-2OS, COS-1, COS-7, PC-12, Mouse brain

Recommended Dilutions:

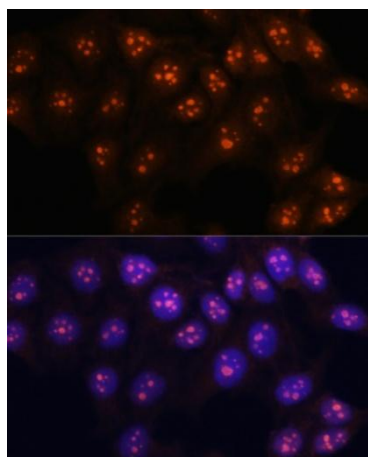
WB	1:500 - 1:5000
IF/ICC	1:50 - 1:200
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

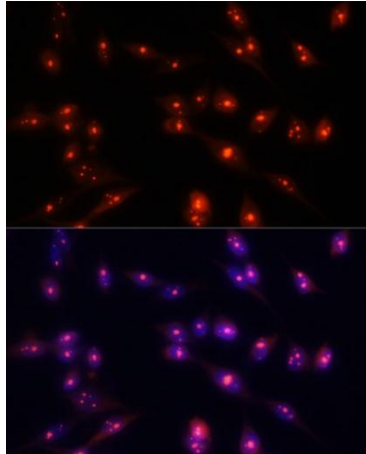
Validation Data



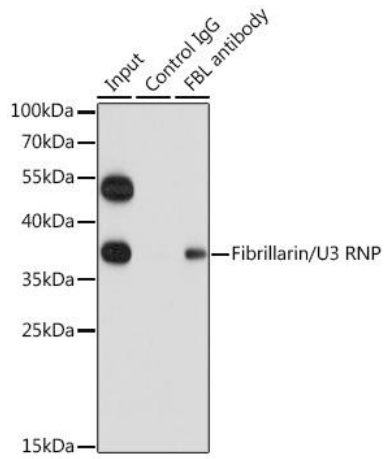
Western blot analysis of various lysates using Fibrillarin/ RNP Rabbit pAb (CAB13490) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.



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.