

Datasheet for ABIN2855179

anti-Fibrillarin antibody

5 Images

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Overview

Quantity:	100 µL
Target:	Fibrillarin (FBL)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fibrillarin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Fibrillarin. The exact sequence is proprietary.
Isotype:	IgG
Specificity:	IP/MS validation was supported by references (PMID:30377378)
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to Fibrillarin (fibrillarin) Fibrillarin antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Fibrillarin (FBL)
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Target Details

Alternative Name:	fibrillarin (FBL Products)
Background:	<p>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.</p> <p>Cellular Localization: Nucleus , nucleolus</p>
Molecular Weight:	34 kDa
Gene ID:	2091
UniProt:	P22087
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Rat2 , 293T , H1299 , NIH-3T3 Validation: IP/MS
Restrictions:	For Research Use only

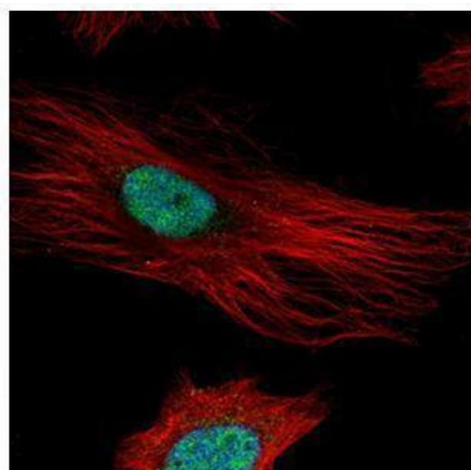
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

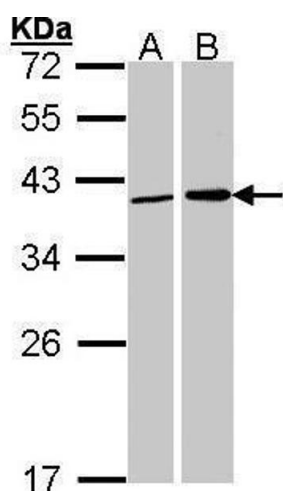
Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



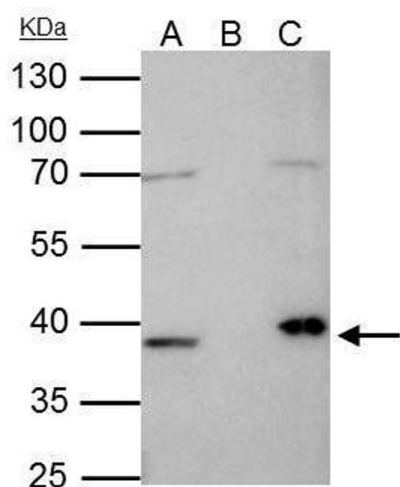
Immunofluorescence

Image 1. ICC/IF Image Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using Fibrillarin, antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:2000.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: 293T B: H1299 12% SDS PAGE antibody diluted at 1:1000



Immunoprecipitation

Image 3. IP Image Fibrillarin antibody immunoprecipitates FBL protein in IP experiments. IP samples: HeLa nuclear extract A. 35 µg HeLa nuclear extract B. Control with 4 µg of preimmune Rabbit IgG C. Immunoprecipitation of FBL protein by 4 µg Fibrillarin antibody, 10 % SDS-PAGE The immunoprecipitated FBL protein was detected by Fibrillarin antibody, diluted at 1:1000. [EasyBlot anti-rabbit IgG was used as a secondary reagent]

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2855179.