

Datasheet for ABIN7267175
anti-Fibrillarin antibody

5 Images

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Overview

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

Product Details

Purpose:	Fibrillarin/U3 RNP Rabbit mAb
Immunogen:	A synthesized peptide derived from human Fibrillarin/U3 RNP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	Fibrillarin (FBL)
Alternative Name:	FBL (FBL Products)
Background:	This gene product is a component of a nucleolar small nuclear ribonucleoprotein (snRNP)

Target Details

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. [provided by RefSeq, Jul 2008],FIB, FLRN, RNU3IP1,Epigenetics & Nuclear Signaling,RNA Binding,FBL

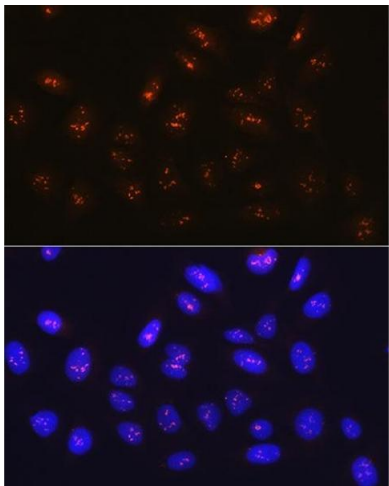
Molecular Weight:	33kDa
Gene ID:	2091
UniProt:	P22087
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

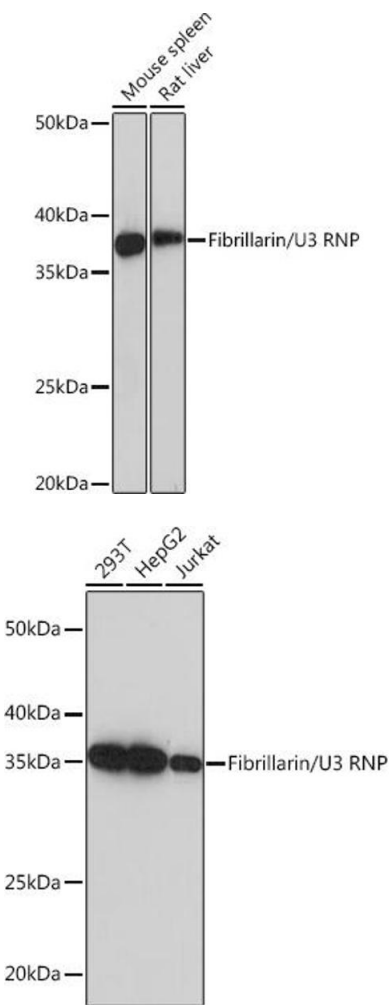
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of U-2 OS cells using Fibrillarin/U3 RNP Rabbit mAb (ABIN7267175) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Fibrillarin/U3 RNP Rabbit mAb (ABIN7267175) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using Fibrillarin/U3 RNP Rabbit mAb (ABIN7267175) at 1:5000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7267175.