

Datasheet for ABIN3021515 **anti-Fibrillarin antibody**



[Go to Product page](#)

6 Images

1 Publication

Overview

| | |
|--------------|---|
| Quantity: | 100 µL |
| Target: | Fibrillarin (FBL) |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Fibrillarin antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |

Product Details

| | |
|---------------|----------------------------------|
| Immunogen: | Recombinant protein of human FBL |
| Isotype: | IgG |
| Purification: | Affinity purification |

Target Details

| | |
|-------------------|--|
| Target: | Fibrillarin (FBL) |
| Alternative Name: | FBL (FBL Products) |
| Background: | Fibrillarin is a 2-O-methyltransferase located in fibrillar regions and Cajal bodies of the nucleolus, where RNA transcription and pre-RNA processing take place. Fibrillarin associates with several other structural proteins as well as box C/D snoRNA to form a complex that functions in pre-rRNA processing, pre-rRNA methylation and ribosome assembly. This complex catalyzes site-specific 2-O-ribose methylation of targeted nucleotides within the rRNA |

Target Details

sequence. The sequence, structure and function of fibrillarin are highly conserved and fibrillarin gene expression is essential for early embryonic development.

Synonyms: FBL, FIB, FLRN, RNU3IP1

Gene ID: 2091

UniProt: [P22087](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: Recommended dilutions: WB: 1:500-1:2000, IHC: 1:50-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

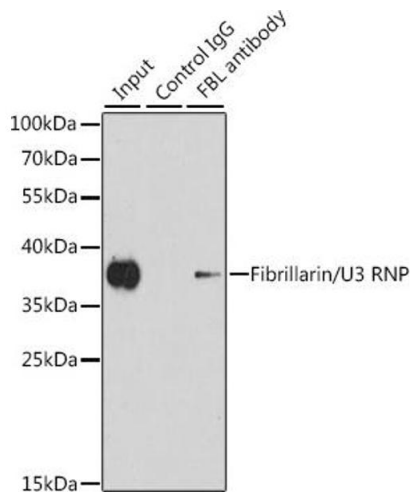
Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid freeze / thaw cycles

Storage: -20 °C/-80 °C

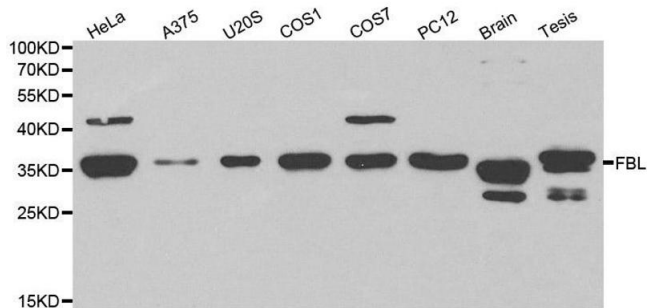
Publications

Product cited in: Zheng, Xiong, Wu, Chen, Chen, Fleming, Gao, Bi, Ge: "Quantitative Proteomics Analysis Reveals Novel Insights into Mechanisms of Action of Long Noncoding RNA Hox Transcript Antisense Intergenic RNA (HOTAIR) in HeLa Cells." in: **Molecular & cellular proteomics : MCP**, Vol. 14, Issue 6, pp. 1447-63, (2015) ([PubMed](#)).



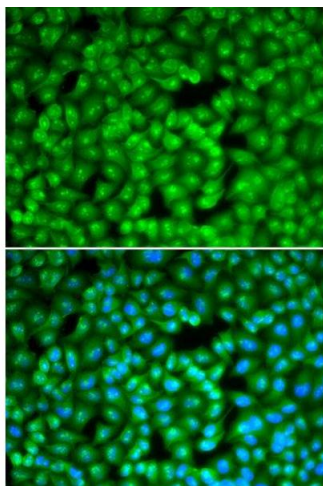
Immunoprecipitation

Image 1. Immunoprecipitation analysis of 200 µg extracts of HeLa cells using 1 µg Fibrillar/U3 RNP antibody. Western blot was performed from the immunoprecipitate using Fibrillar/U3 RNP antibody at a dilution of 1:1000.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using FBL antibody.



Immunofluorescence

Image 3. Immunofluorescence analysis of A549 cell using FBL antibody. Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3021515.