# FBL Polyclonal Antibody

**Catalog No.** E-AB-64672

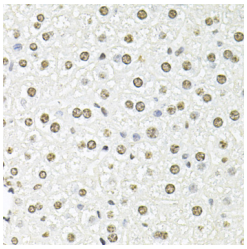
***Note:*** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

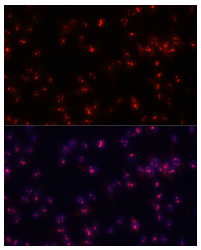
| | |
|---|---|
| **Reactivity** | Human,Mouse,Rat |
| **Immunogen** | Recombinant fusion protein of human FBL (NP_001427.2). |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Purification** | Affinity purification |
| **Conjugation** | Unconjugated |
| **Buffer** | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

| Applications | Recommended Dilution |
|---|---|
| **IHC** | **1:50-1:200** |
| **IF** | **1:50-1:200** |

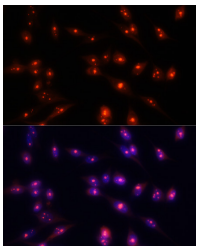
## Data



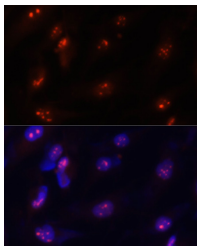
Immunohistochemistry of paraffin-embedded Mouse liver using FBL Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of C6 cells using FBL Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using FBL Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-251MG cells using FBL Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



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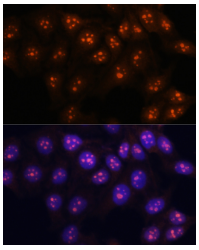
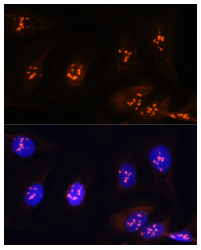


Immunofluorescence analysis of HeLa cells using FBL Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using FBL Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

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.



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