

## FBL

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF IP RIP

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200 IP 1:20 - 1:50  
RIP 1:20 - 1:50

**Calculated MW:** 34kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human FBL

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

FBL;FIB;FLRN;RNU3IP1 ;

**Catalog #:** A1136

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 2091

**Isotype:** IgG

**Swiss Prot:** P22087

**Purity:** Affinity purification

For research use only.

**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 (1,2). 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 sequence (3,4). The sequence, structure and function of fibrillarin are highly conserved and fibrillarin gene expression is essential for early embryonic development (5).

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