

## FBL

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**Reactivity:**Human

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:1000

**Calculated MW:**34kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human FBL

**Storage Buffer:**

Store at 4. 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 #:**A0158

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**2091

**Isotype:**IgG

**Swiss Prot:**P22087

**Purity:**Affinity purification

For research use only.

**Background:**

FBL 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). FBL 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 FBL are highly conserved and FBL gene expression is essential for early embryonic development (5).

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