

FBL

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:

j

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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