



## FBL Polyclonal Antibody

E91136

- Catalog Number:** E91136
- Amount:** 100ul
- 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).
- Species:** Rabbit
- Isotype:** IgG
- Storage/Stability:** Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
- Synonyms:** FBL;FIB;FLRN;RNU3IP1 ;
- Immunogen:** Recombinant proteinof human FBL
- Purification:** Affinity purification
- Reactivity:** H M R
- Applications:** WB IHC
- Molecular Weight:** 34kDa
- Swiss-Prot No. :** P22087
- Gene ID:** 2091
- References:** 1. Tollervey, D. et al. (1993) Cell 72, 443-457. 2. Wang, H. et al. (2000) EMBO J. 19, 317-323. 3. Lafontaine, D.L. and Tollervey, D. (2000) Mol. Cell Biol. 20, 2650-2659. 4. Galardi, S. et al. (2002) Mol. Cell Biol. 22, 6663-6668. 5. Newton, K. et al. (2003) Mol. Cell Biol. 23, 8519-8527.

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