

Product datasheet for **TA326942**

Fibrillarin (FBL) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB 1:500 - 1:2000;IHC 1:50 - 1:200
Reactivity:	Human, Mouse, Monkey, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human FBL
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	34 kDa
Gene Name:	fibrillarin
Database Link:	NP_001427 Entrez Gene 14113 MouseEntrez Gene 292747 RatEntrez Gene 700286 MonkeyEntrez Gene 2091 Human P22087

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. 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. The sequence, structure and function of fibrillarin are highly conserved and fibrillarin gene expression is essential for early embryonic development.

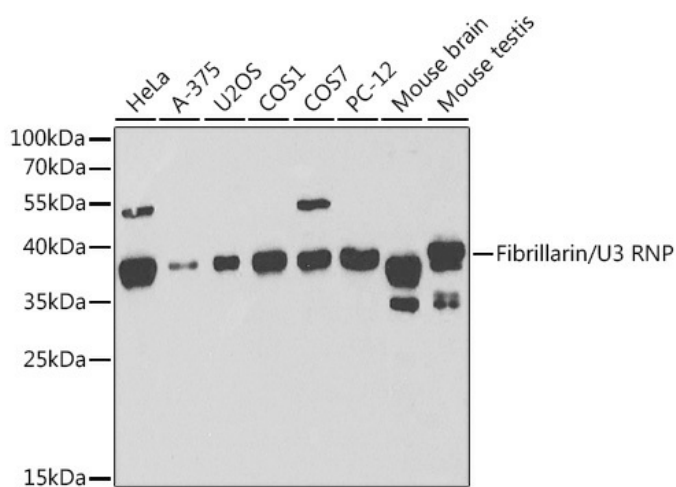


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Synonyms: FIB; FLRN; RNU3IP1

Protein Families: Stem cell - Pluripotency

Product images:



Western blot analysis of extracts of various cell lines, using Fibrillarin/U3 RNP antibody (TA326942) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST.