
Product Name: Fibrillarlin Rabbit Polyclonal Antibody**Catalog #: APRab00048**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,FC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 34 kDa; Observed MW: 34 kDa

Antigen Information

Gene Name	FBL
Alternative Names	FIB; FLRN; Nop1; RNU3IP1
Gene ID	2091
SwissProt ID	P22087
Immunogen	A synthetic peptide of human Fibrillarlin

Background

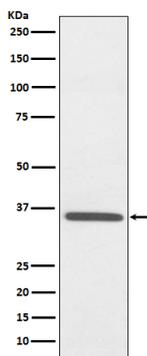
Fibrillarlin is a 2'-O-methyltransferase located in fibrillar regions and Cajal bodies of the nucleolus, where RNA transcription and pre-RNA processing take place. Fibrillarlin associates with several other structural proteins as well as box C/D snoRNA to form a

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.

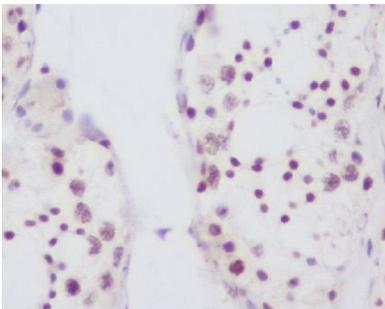
Research Area

Tags & Cell Markers

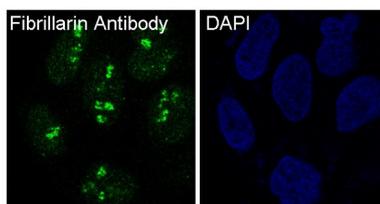
Image Data



Western blot analysis of Fibrillarin in HepG2 lysates using Fibrillarin antibody.



Immunohistochemistry analysis of paraffin-embedded Human testis using Fibrillarin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunofluorescence analysis of Fibrillarin in HeLa using Fibrillarin antibody.