

## Product datasheet for **TA345779**

### Fibrillarin (FBL) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-FBL antibody: synthetic peptide directed towards the N terminal of human FBL. Synthetic peptide located within the following region: GGGFHSGGNRGRGRGGKRGKNQSGKNVMVEPHRHEGVFICRGKEDALVTKN
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	35 kDa
Gene Name:	fibrillarin
Database Link:	<a href="#">NP_001427</a> <a href="#">Entrez Gene 2091 Human P22087</a>



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**Background:**

FBL is a component of a nucleolar small nuclear ribonucleoprotein (snRNP) particle thought to participate in the first step in processing preribosomal RNA. It is associated with the U3, U8, and U13 small nuclear RNAs and is located in the dense fibrillar component (DFC) of the nucleolus. FBL contains an N-terminal repetitive domain that is rich in glycine and arginine residues, like fibrillarins in other species. Its central region resembles an RNA-binding domain and contains an RNP consensus sequence. Antisera from approximately 8% of humans with the autoimmune disease scleroderma recognize fibrillarlin. This gene product is a component of a nucleolar small nuclear ribonucleoprotein (snRNP) particle thought to participate in the first step in processing preribosomal RNA. It is associated with the U3, U8, and U13 small nuclear RNAs and is located in the dense fibrillar component (DFC) of the nucleolus. The encoded protein contains an N-terminal repetitive domain that is rich in glycine and arginine residues, like fibrillarins in other species. Its central region resembles an RNA-binding domain and contains an RNP consensus sequence. Antisera from approximately 8% of humans with the autoimmune disease scleroderma recognize fibrillarlin.

**Synonyms:**

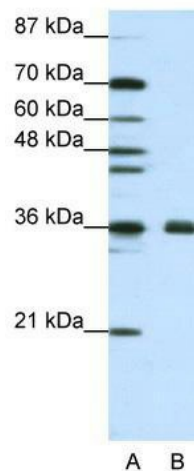
FIB; FLRN; RNU3IP1

**Note:**

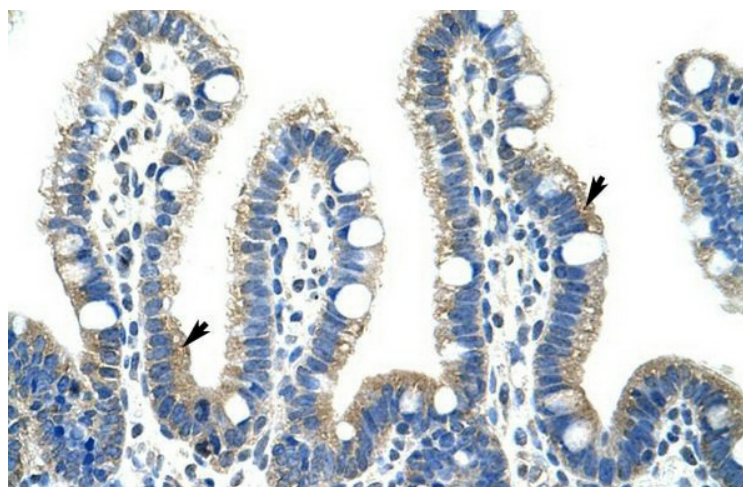
Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Guinea pig: 100%; Rabbit: 93%; Bovine: 86%

**Protein Families:**

Stem cell - Pluripotency

**Product images:**

WB Suggested Anti-FBL Antibody Titration: 1.25 ug/ml; ELISA Titer: 1: 12500; Positive Control: Jurkat cell lysate; FBL is supported by BioGPS gene expression data to be expressed in Jurkat



Rabbit Anti-FBL Antibody; Paraffin Embedded Tissue: Human Intestine; Cellular Data: Epithelial cells of intestinal villas; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X