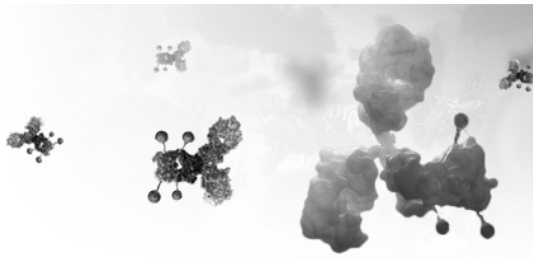

Anti-FBL (full length) polyclonal antibody (DPAB-DC904)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 fibrillarin.
Immunogen	FBL (AAH19260.1, 1 a.a. ~ 321 a.a) full-length recombinant protein with GST tag. The sequence is MKPGFSPRGGGFGGRGGFGDRGGRGGRGGFGGGRGRGGGFRGRGRGGGGGGGGGGGGGRG GGGFHSGGNRGRGRGGKRGNQSGKNVMVEPHRHEGVFICRGKEDALVTKNLVPGESVYGE KRVSISEGDDKIEYRAWNPFRSKLAAAILGGVDQIHIKPGAKVLYLGAASGTTVSHVSDI VGPDGLVYAVEFSHRSGRDLINLAKKRTNIIPVIEDARHPHKYRMLIAMVDVIFADVAQP DQTRIVALNAHTFLRNGGHFVISIKANCIDTTASAEAVFASEVKKMQQENMKPQEQLTLE PYERDHAVVVGVYRPPPKVKN
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None

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Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	FBL fibrillarin [Homo sapiens (human)]
Official Symbol	FBL
Synonyms	FBL; fibrillarin; FIB; FLRN; RNU3IP1; rRNA 2-O-methyltransferase fibrillarin; 34-kD nucleolar scleroderma antigen; histone-glutamine methyltransferase; 34 kDa nucleolar scleroderma antigen; RNA, U3 small nucleolar interacting protein 1;
Entrez Gene ID	2091
Protein Refseq	NP_001427
UniProt ID	P22087
Chromosome Location	19q13.1
Pathway	Ribosome biogenesis in eukaryotes; TNF-alpha/NF-kB Signaling Pathway;
Function	RNA binding; histone-glutamine methyltransferase activity; poly(A) RNA binding; protein binding

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