



FBL mouse mAb

Catalog No	YP-mAb-18282
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	FBL FIB1 FLRN
Immunogen	Synthesized peptide derived from human FBL
Specificity	This antibody detects endogenous levels of FBL at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FBL;EC:2.1.1.-;FIB;FIB1;FLRN;FBL FIB1 FLRN;rRNA 2'-O-methyltransferase fibrillarin (EC 2.1.1.-) (34 kDa nucleolar scleroderma antigen)
Observed Band	34 kDa
Calculated Molecular Weight	321 aa, 34 kDa
Cell Pathway	Nucleus, nucleolus . Nucleus, nucleoplasm . Fibrillar region of the nucleolus.
Tissue Specificity	
Function	S-adenosyl-L-methionine-dependent methyltransferase that has the ability to methylate both RNAs and proteins . Involved in pre-rRNA processing by catalyzing the site-specific 2'-hydroxyl methylation of ribose moieties in pre-ribosomal RNA . Site specificity is provided by a guide RNA that base pairs with the substrate (By similarity). Methylation occurs at a characteristic distance from the sequence involved in base pairing with the guide RNA (By similarity). Probably catalyzes 2'-O-methylation of U6 snRNAs in box C/D RNP complexes . U6 snRNA 2'-O-methylation is required for mRNA splicing fidelity . Also acts as a protein methyltransferase by mediating methylation of 'Gln-105' of histone H2A (H2AQ104me), a modification that impairs binding of the FACT complex and is specifically present at 35S ribosomal DNA locus .



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images