

FBL rabbit pAb

Catalog No :	YN5902
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	FBL
Gene Name :	FBL FIB1 FLRN
Protein Name :	rRNA 2'-O-methyltransferase fibrillarin (EC 2.1.1.-) (34 kDa nucleolar scleroderma antigen)
Human Gene Id :	2091
Human Swiss Prot No :	P22087
Mouse Gene Id :	100044829
Mouse Swiss Prot No :	P35550
Rat Gene Id :	292747
Rat Swiss Prot No :	P22509
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 :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)**Molecularweight :** 35kD**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 .

Subcellular Location : Nucleus, nucleolus . Nucleus, nucleoplasm . Fibrillar region of the nucleolus.

Products Images