Datasheet for ABIN7138172

anti-Fibrillarin antibody

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	Fibrillarin (FBL)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fibrillarin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around aa.297~301(L-T-L-E-P) derived from Human Fibrillarin
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Target Details

Target:	Fibrillarin (FBL)
Alternative Name:	FBL (FBL Products)
Background:	Background: Involved in pre-rRNA processing. Utilizes the methyl donor S-adenosyl-L-methionine to catalyze 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.

Target Details

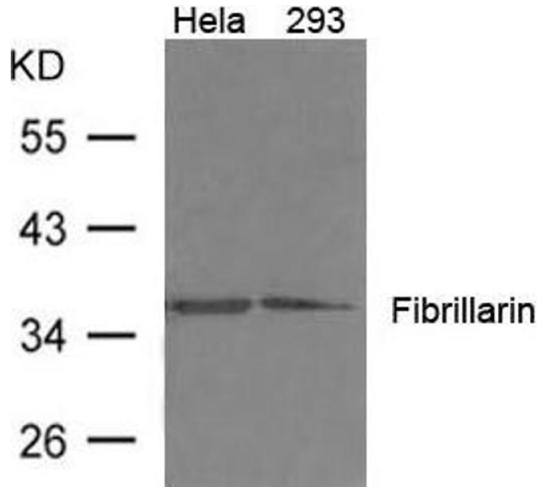
	Methylation occurs at a characteristic distance from the sequence involved in base pairing with the guide RNA. Lischwe M.A., Ochs R.L., Reddy R., Cook R.G., Yeoman L.C., Tan E.M., Reichlin M., Busch H. J. Biol. Chem. 260:14304-14310(1985) Yanagida M., Hayano T., Yamauchi Y., Shinkawa T., Natsume T., Isobe T., Takahashi N.J. Biol. Chem. 279:1607-1614(2004) Wang Y., Liu J., Zhao H., Lue W., Zhao J., Yang L., Li N., Du X., Ke Y.Biochim. Biophys. Acta 1773:863-868(2007) Aliases: 34 kD nucleolar scleroderma antigen antibody, 34 kDa nucleolar scleroderma antigen antibody, Fbl antibody, FBRL_HUMAN antibody, FIB antibody, FIB1 antibody, FLRN antibody, Histone-glutamine methyltransferase antibody, Nop1p antibody, RNA U3 small nucleolar interacting protein 1 antibody, RNU3IP1 antibody, rRNA 2' O methyltransferase fibrillarin antibody, rRNA 2'-O-methyltransferase fibrillarin antibody
UniProt:	P22087
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB:1:500-1:1000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extract from 293, Hela cells using Fibrillarin Antibody

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