

Fibrillarin Antibody

Catalog No: #AB21495



Package Size: #AB21495-1 50ul #AB21495-2 100ul #AB21495-4 25ul

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Description

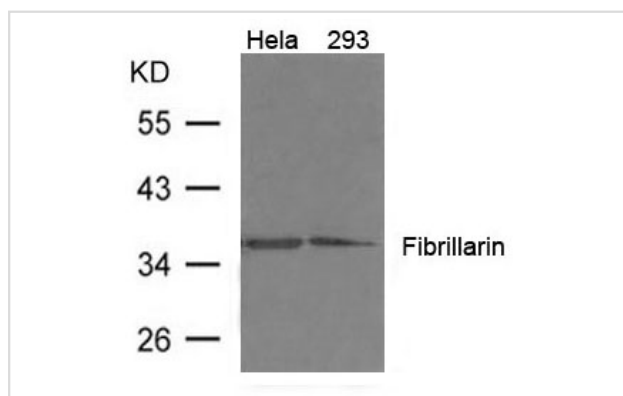
Product Name	Fibrillarin Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total Fibrillarin protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.297~301(L-T-L-E-P) derived from Human Fibrillarin
Target Name	Fibrillarin
Other Names	FBL; FIB; FLRN; RNU3IP1;
Accession No.	Swiss-Prot: P22087NCBI Protein: NP_001427.2
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 37kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extract from 293, HeLa cells using Fibrillarin Antibody #AB21495

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. 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)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.