Product Datasheet

Fibrillarin Antibody

Catalog No: #21495

Package Size: #21495-1 50ul #21495-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

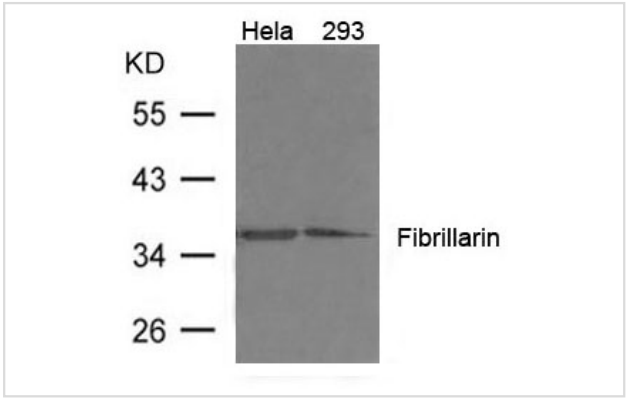
Product Name	Fibrillarin Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Human;Mouse;Rat
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
Conjugates	Unconjugated
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 Mg2+ and Ca2+), 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 #21495

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)

Published Papers

el at., Synthetic Tryptanthrin Derivatives Induce Cell Cycle Arrest and Apoptosis via Akt and MAPKs in Human Hepatocellular Carcinoma Cells. In Biomedicines on 2021 Oct 24 by Jing-Yan Gao, Chih-Shiang Chang, et al..PMID: 34829756, , (2021)

PMID:34829756