antibodies .- online.com







anti-Fibrillarin antibody (AA 50-100)

Image



Publication



Overview

Quantity:	40 μg
Target:	Fibrillarin (FBL)
Binding Specificity:	AA 50-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fibrillarin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH-coupled synthetic peptide within AA 50-100 of human Fibrillarin protein .
Isotype:	IgG
Specificity:	Rabbit Anti-Fibrillarin Polyclonal Antibody detects endogenous levels of human Fibrillarin.Positive Control: Hela and HEK293.
Purification:	Immunoaffinity chromatography

Target Details

Target:	Fibrillarin (FBL)
Alternative Name:	Fibrillarin (FBL Products)
Background:	Fibrillarin is an excellent marker for the nucleolus. As a component of a nucleolar small nuclear

ribonucleoprotein (snRNP) particle, it is thought to participate in the first step in processing preribosomal RNA. Fibrillarin protein contains an amino-terminal domain that is rich in glycine and arginine residues (termed the GAR domain), a central RNA-binding domain comprising an RNP-2 like consensus sequence, and a C-terminal alpha-helical domain. Fibrillarin binds to U3, U8, and U13 small nuclear RNAs. It associates with several other structural proteins as well as box C/D snoRNA to form a complex that functions in pre-rRNA processing, pre-rRNA methylation and ribosome assembly. This complex catalyzes site-specific 2-O-ribose methylation of targeted nucleotides within the rRNA sequence. Rabbit Anti-Fibrillarin Polyclonal Antibody is developed in rabbit using a KLH-coupled synthetic peptide within residues 50-100 of human Fibrillarin protein (Swiss Prot: P22087).

Pathways:

Ribonucleoside Biosynthetic Process

Application Details

Application Notes:

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

Western blot: 0.5-1 µg/mLOther Applications: user-optimized

Restrictions:

For Research Use only

Lyophilized

Handling

Format:

Buffer:	PBS, pH 7.4, containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled.
	Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or
	eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a
	physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute
	azide-containing compounds in running water before discarding to avoid accumulation of
	potentially explosive deposits in lead or copper plumbing.
Storage:	4 °C/-20 °C

Handling

Storage Comment:

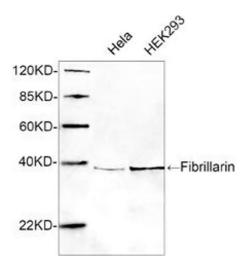
The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Publications

Product cited in:

Berkovits, Wolgemuth: "The first bromodomain of the testis-specific double bromodomain protein Brdt is required for chromocenter organization that is modulated by genetic background." in: **Developmental biology**, Vol. 360, Issue 2, pp. 358-68, (2011) (PubMed).

Images



Western Blotting

Image 1. Western blot analysis of cell lysates using 1 μg/mL Rabbit Anti-Fibrillarin Polyclonal Antibody (ABIN398945) The signal was developed with IRDyeTM 800 Conjugated Goat Anti-Rabbit IgG.Predicted Size: 37 KD Observed Size: 37 KD