

Datasheet for ABIN629933 **anti-Fibrillarin antibody (N-Term)**



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2 Images

Overview

Quantity:	100 µg
Target:	Fibrillarin (FBL)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fibrillarin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Fibrillarin antibody was raised using the N terminal of FBL corresponding to a region with amino acids GGGFHSGGNRGRGRGGKRGKRNQSGKNVMVEPHRHEGVFICRGKEDALVTKN
Specificity:	Fibrillarin antibody was raised against the N terminal of FBL
Purification:	Purified

Target Details

Target:	Fibrillarin (FBL)
Alternative Name:	Fibrillarin (FBL Products)
Background:	FBL is a component of a nucleolar small nuclear ribonucleoprotein (snRNP) particle thought to participate in the first step in processing preribosomal RNA. It is associated with the U3, U8, and U13 small nuclear RNAs and is located in the dense fibrillar component (DFC) of the

Target Details

nucleolus. FBL contains an N-terminal repetitive domain that is rich in glycine and arginine residues, like fibrillarins in other species. Its central region resembles an RNA-binding domain and contains an RNP consensus sequence. Antisera from approximately 8% of humans with the autoimmune disease scleroderma recognise fibrillarin.

Molecular Weight: 35 kDa (MW of target protein)

Pathways: [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: WB: 1.25 µg/mL, IHC: 4-8 µg/mL
Optimal conditions should be determined by the investigator.

Comment: Fibrillarin Blocking Peptide, catalog no. 33R-3279, is also available for use as a blocking control in assays to test for specificity of this Fibrillarin antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of FBL antibody in PBS

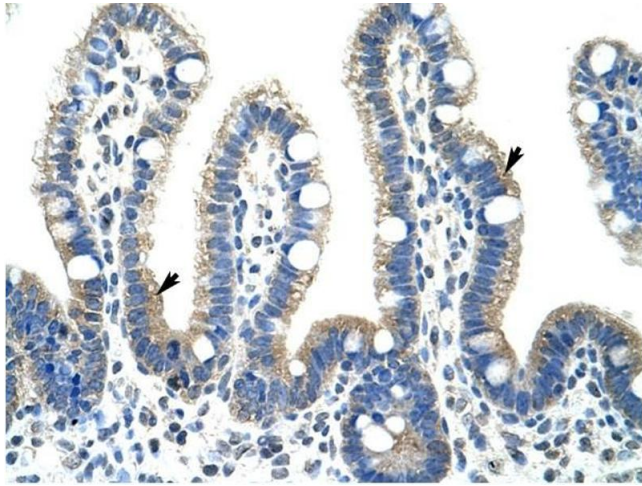
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Immunohistochemistry

Image 1. Fibrillar antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of intestinal villus (arrows) in Human Intestine. Magnification is at 400X



Western Blotting

Image 2. Fibrillar antibody used at 1.25 ug/ml to detect target protein.