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Datasheet for ABIN6567124
anti-Fibrillarin antibody

3 Images

Overview

Quantity:	200 µL
Target:	Fibrillarin (FBL)
Reactivity:	Human, Mouse, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fibrillarin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant protein of human FBL
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	Fibrillarin (FBL)
Alternative Name:	FBL (FBL Products)
Background:	Synonyms: 34 kD nucleolar scleroderma antigen,34 kDa nucleolar scleroderma antigen,Fbl,FBRL,FIB,FIB1,FLRN,Histone-glutamine methyltransferase,Nop1p,rNA U3 small nucleolar interacting protein 1,RNU3IP1,rRNA 2' O methyltransferase fibrillarin,rRNA 2'-O-methyltransferase fibrillarin Background: This gene product is a component of a nucleolar small nuclear ribonucleoprotein

Target Details

(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 nucleolus. The encoded protein 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 recognize fibrillarin.

Molecular Weight: Observed_MW: 36kDa
Calculated_MW: 33kDa

Gene ID: 2091

UniProt: [P22087](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: WB 1:500 - 1:2000 IF 1:50 - 1:200 IP 1:50 - 1:200

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

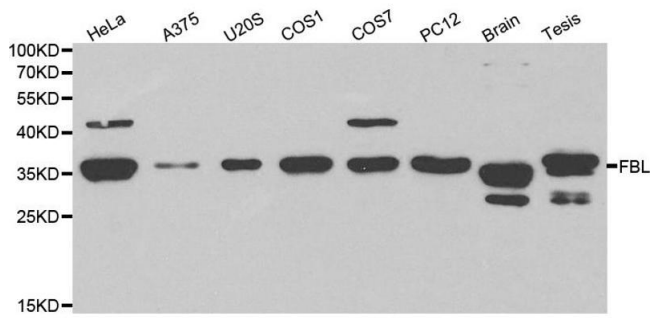
Buffer: Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

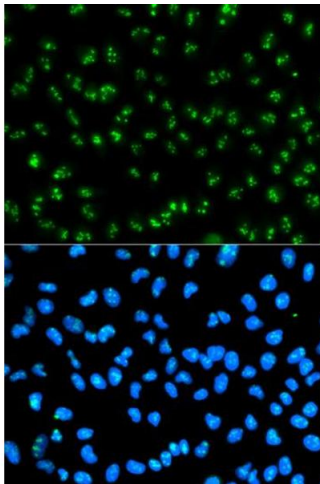
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



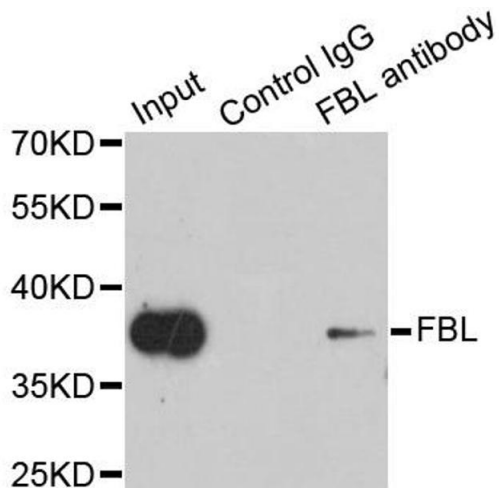
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using FBL antibody.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells using FBL antibody.



Western Blotting

Image 3. Immunoprecipitation analysis of 200ug extracts of HeLa cells using 1ug FBL antibody.