

Anti-Fibrillarin (Nop1p) Antibody

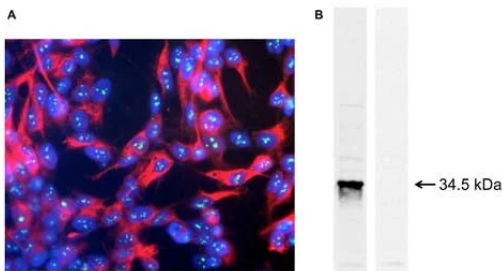


Product Details

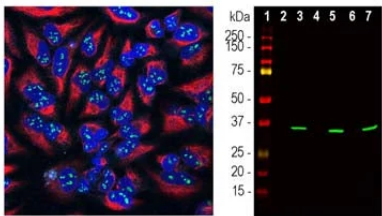
Available Variants	250 µL (SKU:M-1372-250)
Conjugate	Unconjugated
Isotype	IgG
Clone	38F3
Host Species	Mouse
Format	IgG
Physical State	Lyophilized
Buffer	Lyophilized hybridoma cell culture media with sodium azide
Production Notes	Concentrated cell culture supernatant.
Applications	ICC, WB
Dilution Ranges	WB: 1:500-1:10000 (see notes) ICC: 1:500-1:5000 (see notes)
Species Reactivity	Drosophila, Human, Rat, Yeast
Immunogen	Yeast nuclear preparations. Hybridomas were screened by immunofluorescence on yeast cells and by western blotting on yeast protein homogenates (<i>S. cerevisiae</i>).
Specificity	The specificity of this antibody has been confirmed by WB. This clone was selected because it is specific for the ~34 kDa Fibrillarin. It stains a single band on Western blotting and shows a clear and strong punctate staining of yeast nuclei. It can therefore be used as a marker for nucleoli in a wide variety of species. Human, rat, Drosophila, <i>S. pombe</i> , <i>C. elegans</i> and <i>S. pombe</i> . Predicted to react with other mammalian tissues.
Molecular Weight	34 kDa

Storage	Spin the vial briefly before opening it. Reconstitute in 250 uL sterile-filtered, room temperature, ultrapure water. Let the vial rehydrate for 5 minutes. Mix gently with a pipette tip to help the redissolution of the material. Centrifuge to remove any insoluble material. The final solution will contain no preservatives. A sterile technique is recommended. After reconstitution of lyophilized antibody, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.
UniProt ID	P15646
Country of Origin	United States
Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.

Product Images



A: Immunofluorescence staining of fibrillarin (Nop1p) expressed in nucleoli with M-1372-250 (green). Cells were double-immunolabelled with an antibody to neurofilament NF-H (red). Blue: cell nucleus, stained with DAPI.
B: Western blot of whole yeast protein extract with M-1372-250 (left lane). Right lane: no primary antibody control.



Left: Visualization of fibrillarin expression (green) in HeLa cells by **Immunocytochemistry** . Staining was performed with mouse anti-fibrillarin antibody diluted 1:10 from concentrated tissue culture media, and chicken antibody to vimentin (C-1409-50, 1:1,000, red). Blue: DAPI nuclear stain. The fibrillarin antibody shows strong staining of nucleoli in the nucleus, while the vimentin antibody reveals cytoplasmic intermediate filaments. **Right: Western blot** analysis of cell lysates with mouse antibody to fibrillarin (1:500, green). [1] protein standard, [2] C6 cytosol, [3] C6 nucleus, [4] HEK293 cytosol, [5] HEK293 nucleus, [6] NIH-3T3 cytosol and [7] NIH-3T3 nucleus. The band at 37 kDa corresponds to the fibrillarin protein detected exclusively in the nuclear fractions.

Product Page URL: www.antibodiesinc.com/products/anti-fibrillarin-nop1p-antibody-m-1372-250



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