

Product Datasheet

Fibrillarin Antibody - BSA Free NBP2-46881

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-46881

Fibrillarin Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgY
Purity	IgY purified
Buffer	Supplied as a concentrated total IgY preparation from egg yolk, dialyzed against PBS with added preservative.
Target Molecular Weight	34.5 kDa

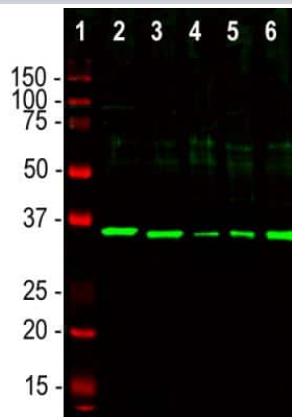
Product Description	
Description	<p>This antibody is supplied as a concentrated total IgY preparation derived from egg yolk. Production involves an initial organic extraction to remove lipids and lipoproteins, followed by salt fractionation of the aqueous phase to precipitate and enrich the IgY fraction. The material is then extensively dialyzed against PBS, and preservative is added during final formulation.</p> <p>Please note that the exact concentration of target-specific IgY cannot be determined, as the final preparation contains both antigen-specific IgY and non-immune IgY.</p>
Host	Chicken
Gene ID	2091
Gene Symbol	FBL
Species	Human, Mouse, Rat, Canine, Equine
Immunogen	Full length human Fibrillarin expressed in and purified from E.Coli. [UniProt# P22087]
Notes	Chicken products cannot be exported to Canada.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:2000-1:5000, Immunocytochemistry/ Immunofluorescence 1:2000-1:5000

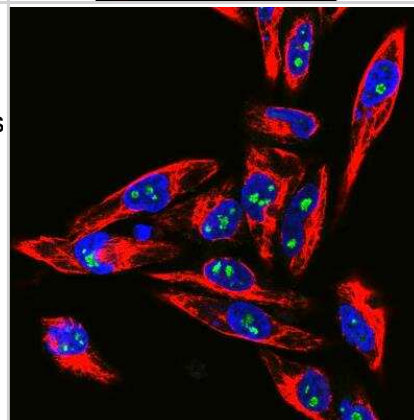


Images

Western Blot: Fibrillarin Antibody [NBP2-46881] - Western blot analysis of different cell lysates using chicken pAb to fibrillarin NBP2-46881, dilution 1:5,000, in green: [1] protein standard (red), [2] NIH-3T3, [3] HEK293, [4] HeLa, [5] SH-SY5Y, and [6] C6 cells. The single strong band at ~35kDa correspond to the fibrillarin protein.



Immunocytochemistry/Immunofluorescence: Fibrillarin Antibody [NBP2-46881] - Confocal immunofluorescent analysis of HeLa cells stained with chicken pAb to fibrillarin, NBP2-46881, dilution 1:10,000 in green and costained with mouse mAb to vimentin, 1:1,000, in red. The blue signal is DAPI staining of nuclear DNA. The fibrillarin antibody stains nucleoli while the vimentin antibody binds to cytoplasmic intermediate filaments.



Publications

Lebdy R, Canut M, Patouillard J et al. The nucleolar protein GNL3 prevents resection of stalled replication forks EMBO Rep 2023-12-11 [PMID: 37965896]

Tsaridou S, Velimezi G, Willenbrock F et al. 53BP1-mediated recruitment of RASSF1A to ribosomal DNA breaks promotes local ATM signaling EMBO reports 2022-08-03 [PMID: 35758159] (ICC/IF, Human)

Details:
1:200 Dilution



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Products Related to NBP2-46881

NB800-PC1	HeLa Whole Cell Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
BAF010	Goat anti-Chicken IgY Secondary Antibody [Biotin]
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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