

# Product Datasheet

## Fibrillarin Antibody (4A4) - BSA Free NBP3-05533-100ul

Unit Size: 100 ul

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

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**NBP3-05533-100ul**

Fibrillarin Antibody (4A4) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4A4
Preservative	0.035% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	34.5 kDa

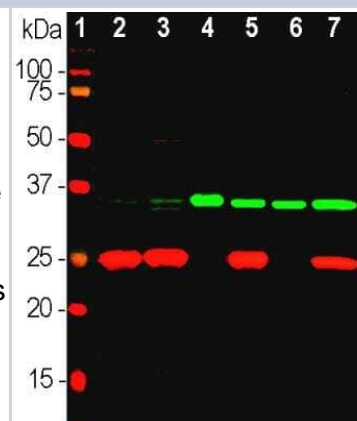
Product Description	
Host	Mouse
Gene ID	2091
Gene Symbol	FBL
Species	Human, Mouse, Rat
Immunogen	Recombinant full length human Fibrillarin sequence expressed in and purified from E. coli.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:1000-1:5000, Immunocytochemistry/ Immunofluorescence 1:1000-1:5000

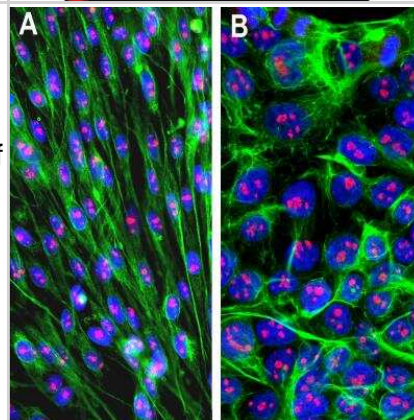


## Images

**Western Blot: Fibrillarin Antibody [NBP3-05533]** - Western blot analysis of different tissue and cell line lysates using Fibrillarin Antibody at a dilution of 1:2,000, in green: [1] protein standard (red), [2] rat whole brain, [3] mouse whole brain, [4] NIH-3T3 cells, [5] HEK293, [6] HeLa, and [7] SH-SY5Y cells. Strong band at ~35kDa corresponds to Fibrillarin protein seen in all cell line lysates. A much weaker band is seen in tissue lysates since Fibrillarin is more heavily expressed in rapidly dividing cells. The blot simultaneously was probed with rabbit pAb to UCHL1 at a dilution of 1:3,000, in red, revealing the ~25kDa UCHL1 protein in lysates of tissues containing neurons or cells with neuronal properties.



**Immunocytochemistry/Immunofluorescence: Fibrillarin Antibody [NBP3-05533]** - Immunofluorescent analysis of (A) C6 rat glioma cells and (B) HEK293 human embryonic kidney cells stained with Fibrillarin Antibody at a dilution of 1:1,000 in red, in both cases costained with chicken pAb to vimentin at a dilution of 1:10,000 in green. The blue is DAPI staining of nuclear DNA. The Fibrillarin antibody detects Fibrillarin protein localized in nucleoli while the vimentin antibody produces strong staining of cytoplasmic intermediate filaments.





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### **Products Related to NBP3-05533-100ul**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP3-21414PEP	Fibrillarin Recombinant Protein Antigen

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### **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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