

Product Datasheet

hnRNP A1 Antibody (4B10) - Azide and BSA Free NBP2-80776

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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NBP2-80776

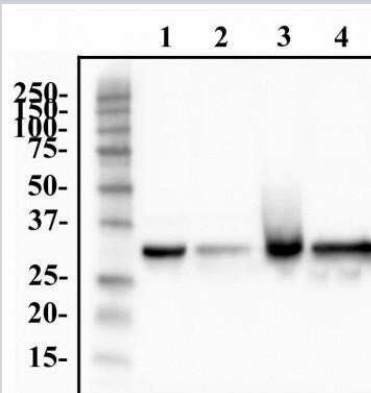
hnRNP A1 Antibody (4B10) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4B10
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	3178
Gene Symbol	HNRNPA1
Species	Human, Mouse, Bovine, Canine
Reactivity Notes	Not yet tested in other species.
Immunogen	Full length partially purified human hnRNP A1. [UniProt# P09651]
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Microarray, Knockdown Validated
Recommended Dilutions	Western Blot 0.25 - 0.5 ug/ml, ELISA, Immunocytochemistry/ Immunofluorescence 5 ug/ml, Immunoprecipitation 1:10-1:500, Microarray, Knockdown Validated
Application Notes	In WB a band can be seen between 32-35 kDa. This antibody immunoprecipitates the hnRNP complex.

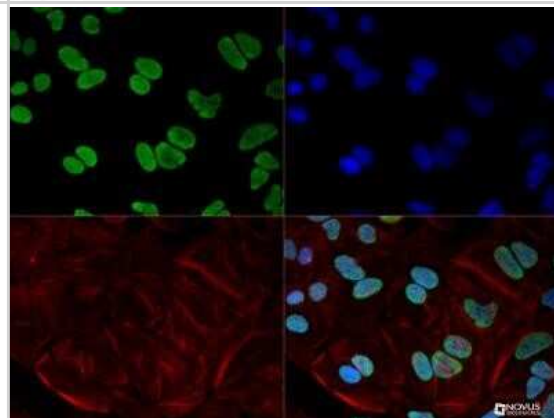


Images

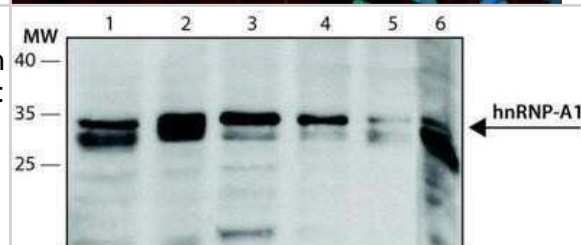
Western Blot: hnRNP A1 Antibody (4B10) - Azide and BSA Free [NBP2-80776] - Whole cell protein from HeLa (lane 1), A431 (lane 2), Hek293 (lane 3) and MCF7 (lane 4) were separated on a 12% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 0.5 mg/ml anti-hnRNP in 1% milk. Precision Plus Protein All Blue molecular weight markers (BioRad) were detected with 1 ug/ml Anti-Blue Marker antibody (NBP2-33376). Both antibodies were detected with an anti-mouse HRP secondary antibody using chemiluminescence. Image from the standard format of this antibody.



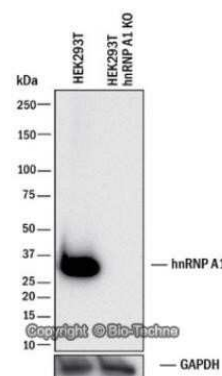
Immunocytochemistry/Immunofluorescence: hnRNP A1 Antibody (4B10) - Azide and BSA Free [NBP2-80776] - The hnRNP A1 (4B10) antibody was tested in HeLa cells at a 1:200 dilution against Dylight 488 (Green). Actin and nuclei were counterstained against Phalloidin 568 (Red) and DAPI (Blue), respectively. Image from the standard format of this antibody.



Western Blot: hnRNP A1 Antibody (4B10) - Azide and BSA Free [NBP2-80776] - Cell line lysates were separated on SDS-PAGE and probed with 0.5 ug/mL Monoclonal Anti-hnRNP-A1 Clone: 4B10 (NB100-672). Lanes: 1-HeLa, 2-Jurkat, 3-HEK-293T, 4-WiDr, 5-NCI-H1299, 6-F9. Image from the standard format of this antibody.



Knockdown Validated: hnRNP A1 Antibody (4B10) - Azide and BSA Free [NBP2-80776] - Western blot shows lysates of HEK293T human embryonic kidney parental cell line and hnRNP A1 knockout (KO) HEK293T cell line. PVDF membrane was probed with 0.5 ug/ml of Mouse Anti-Human hnRNP A1 Monoclonal Antibody (Catalog # NB100-672) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog #HAF018). Specific band was detected for hnRNP A1 at approximately 35 kDa (as indicated) in the parental HEK293T cell line, but is not detectable in the knockout HEK293T cell line. This experiment was conducted under reducing conditions. Image from the standard format of this antibody.





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Products Related to NBP2-80776

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NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP1-99106-100ug	Recombinant Human hnRNP A1 His Protein

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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