

Product Datasheet

hnRNP A2B1 Antibody (DP3B3) - Azide and BSA Free NBP2-80777

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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NBP2-80777

hnRNP A2B1 Antibody (DP3B3) - 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	DP3B3
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS

Product Description

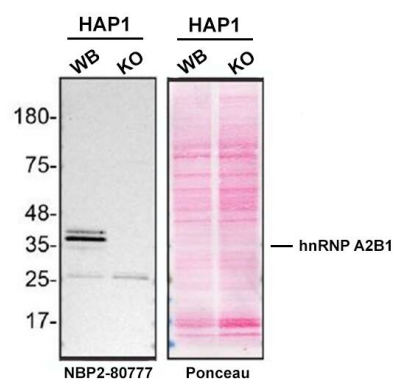
Host	Mouse
Gene ID	3181
Gene Symbol	HNRNPA2B1
Species	Human, Mouse, Rat, Bovine, Canine, Chicken, Primate
Reactivity Notes	Mouse, Human, Chicken, Canine, Rat, Monkey, Bovine and Hamster.
Immunogen	Bacterially expressed human hnRNP A2 fusion protein.

Product Application Details

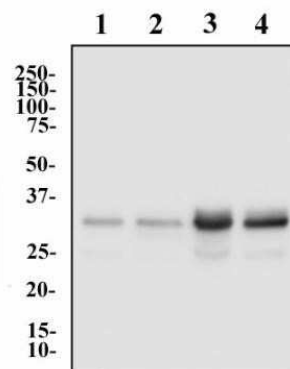
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockdown Validated, Knockout Validated
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Immunoprecipitation 1:10-1:500, Knockout Validated, Knockdown Validated

Images

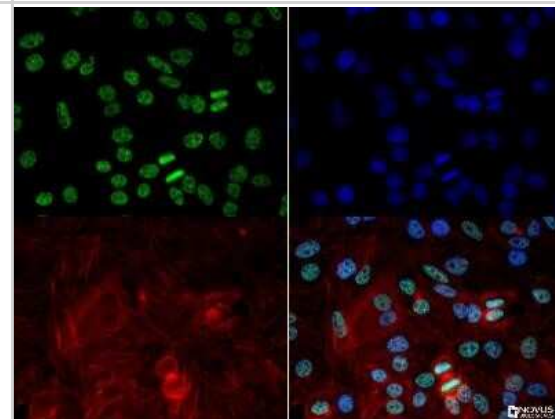
Western blot shows lysates of HAP1 human near-haploid cell line and hnRNP A2B1 knockout HAP1 cell line (KO). Nitrocellulose membrane was probed with hnRNP A2B1 Antibody (Catalog # NBP2-80777) O/N at 4C, followed by HRP-conjugated Secondary Antibody and ECL detection. A specific band was detected for hnRNP A2B1 (as indicated) in the parental HAP1 cell line, but is not detectable in knockout HAP1 cell line. Primary antibody dilution used: 1/1000. The Ponceau stained transfers of each blot are shown. Image, protocol and testing courtesy of YCharOS Inc. (ycharos.com).



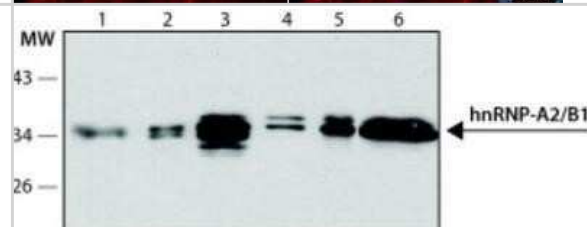
Western Blot: hnRNP A2B1 Antibody (DP3B3) - Azide and BSA Free [NBP2-80777] - Whole cell protein from PC12 (lane 1), NIH-3T3 (lane 2), A431 (lane 3) and HeLa (lane 4) was separated by SDS-PAGE and transferred to PVDF membrane. The membrane was probed with Anti-hnRNP A2B1 at 1 ug/ml and detected with an HRP conjugated anti-mouse secondary antibody by chemiluminescence. Image from the standard format of this antibody.



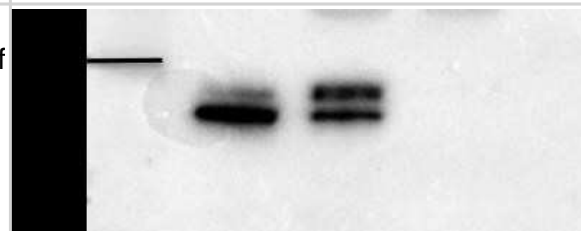
Immunocytochemistry/Immunofluorescence: hnRNP A2B1 Antibody (DP3B3) - Azide and BSA Free [NBP2-80777] - The hnRNP A2B1 antibody was tested in HeLa cells at a 5ug/ml using a Dylight 488 conjugated secondary antibody (Green). Actin (Red) and DNA (Blue) were counterstained using Phalloidin 568 and DAPI. Image from the standard format of this antibody.



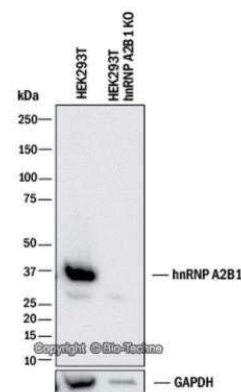
Western Blot: hnRNP A2B1 Antibody (DP3B3) - Azide and BSA Free [NBP2-80777] - Cell line lysates were separated on SDS-PAGE and probed with 2 ug/mL Monoclonal Anti-hnRNP-A2/B1 Clone: DP3B3. The antibody was developed using Goat Anti-Mouse IgG-Peroxidase and a chemiluminescent substrate. Lanes 1. HEK-293T 2. HeLa 3. G361 4. MDBK 5. MDCK 6. CHO Image from the standard format of this antibody.



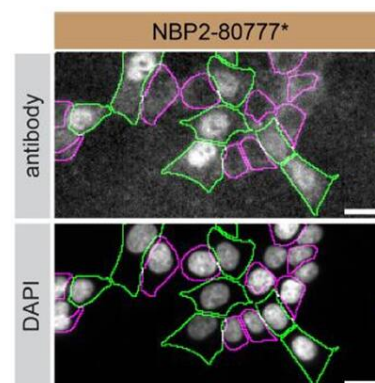
Western Blot: hnRNP A2B1 Antibody (DP3B3) - Azide and BSA Free [NBP2-80777] - hnRNP A2B1 expression in HeLa cells. Lane 1= 15 ug of HeLa nuclear extracts Lane 2= Co-IP of hnRNP A2B1. Image and data from confirmed customer review. Image from the standard format of this antibody.



Knockdown Validated: hnRNP A2B1 Antibody (DP3B3) - Azide and BSA Free [NBP2-80777] - 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 1.0 ug/ml of Mouse Anti-Human hnRNP A1 Monoclonal Antibody (Catalog # NB120-6102) 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.



HAP1 WT and hnRNP A2B1 KO cells were labelled with a green or a far-red fluorescent dye, respectively. Cells were stained with hnRNP A2B1 antibody and with the corresponding Alexa-fluor 555 coupled secondary antibody including DAPI. Acquisition of the blue (nucleus-DAPI), green (identification of WT cells), red (antibody staining) and far-red (identification of KO cells) channels was performed. Representative images of the blue and red (grayscale) channels are shown. WT and KO cells are outlined with green and magenta dashed line, respectively. Antibody dilution used: 1/1000. Image, protocol and testing courtesy of YCharOS Inc. (ycharos.com).





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Products Related to NBP2-80777

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
H00003181-P01-10ug	Recombinant Human hnRNP A2B1 GST (N-Term) 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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