

Product Datasheet

ADNP Antibody - BSA Free

NBP2-97747-100ul

Unit Size: 100 ul

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

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NBP2-97747-100ul

ADNP Antibody - BSA Free

Product Information

Unit Size	100 ul
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	0.03% Proclin 300
Isotype	IgG
Purity	Antigen and protein A Affinity-purified
Buffer	PBS

Product Description

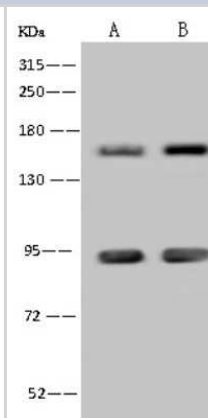
Description	This antibody can be stored at 2C to 8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	23394
Gene Symbol	ADNP
Species	Human
Immunogen	Produced in rabbits immunized with E. coli-derived Human ADNP fragment.

Product Application Details

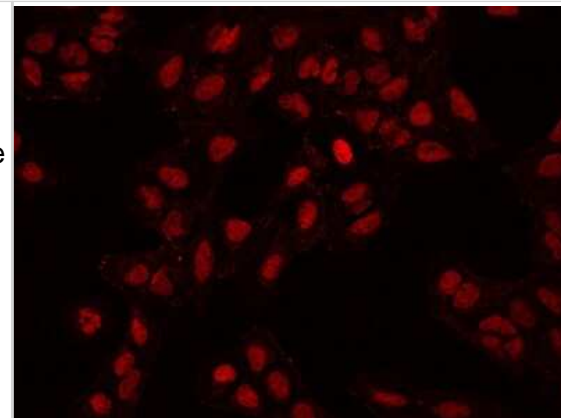
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot 1:500-1:2000, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Immunoprecipitation 5-10 uL/mg of lysate, Knockdown Validated Image, protocol and testing courtesy of YCharOS Inc. (ycharos.com).

Images

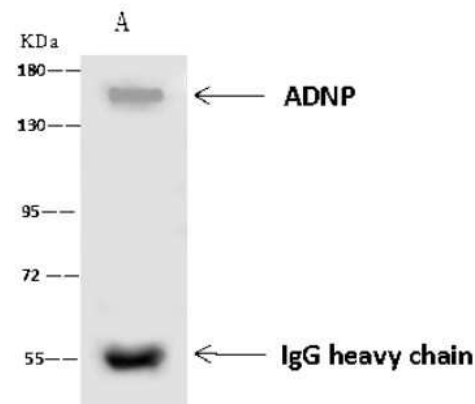
Western Blot: ADNP Antibody [NBP2-97747] - Anti-ADNP rabbit polyclonal antibody at 1:500 dilution. Lane A: Hela Whole Cell Lysate. Lane B: U-251 MG Whole Cell Lysate. Lysates/proteins at 30 ug per lane.



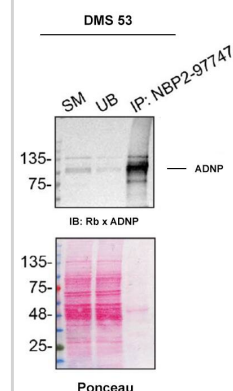
Immunocytochemistry/Immunofluorescence: ADNP Antibody [NBP2-97747] - Immunofluorescence staining of ADNP in U2OS cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human ADNP polyclonal antibody (dilution ratio 1:300) at 4C overnight. Then cells were stained with the Alexa Fluor(R)594-conjugated Goat Anti-rabbit IgG Secondary antibody (red). Positive staining was localized to Nucleus.



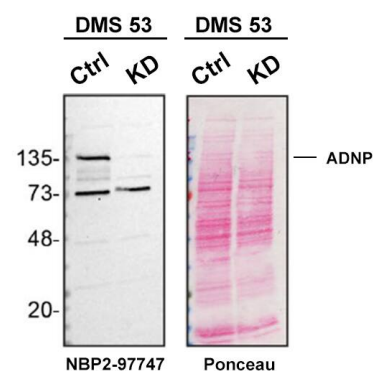
Immunoprecipitation: ADNP Antibody [NBP2-97747] - ADNP was immunoprecipitated using: Lane A: 0.5 mg U-251MG Whole Cell Lysate. 4 ul anti-ADNP rabbit polyclonal antibody and 60 ug of Immunomagnetic beads. Protein A/G. Primary antibody: Anti-ADNP rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 122 kDa. Observed band size: 150 kDa.



DMS 53 cell line lysates were prepared and immunoprecipitation was performed using 2.0 µg of ADNP Antibody (Catalog # NBP2-97747) pre-coupled to Dynabeads Protein A. Immunoprecipitated ADNP was detected in Western Blot with a Rabbit ADNP antibody used at 1/500. The Ponceau stained transfer of the blot is shown. SM=4% starting material; UB=4% unbound fraction; IP=immunoprecipitate; HC=antibody heavy chain. Image, protocol and testing courtesy of YCharOS Inc. (ycharos.com).



Western blot shows lysates of DMS 53 parental cell line and ADNP knockdown DMS 53 cell line (KD). Nitrocellulose membrane was probed with ADNP Antibody (Catalog # NBP2-97747) followed by HRP-conjugated secondary antibody. A specific band was detected for ADNP at approximately 135 kDa (as indicated) in the parental DMS 53 cell line, but is significantly reduced in the DMS 53 cell line. Primary antibody dilution used: 1/1000. The Ponceau stained transfer of the blot is shown. This experiment was conducted under reducing conditions. Image, protocol, and testing courtesy of YCharOS Inc. See ycharos.com for additional details.





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Products Related to NBP2-97747-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-89236PEP	ADNP Recombinant Protein Antigen

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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