ANP32A / PHAP1 Antibody, Rabbit PAb, Antigen Affinity Purified

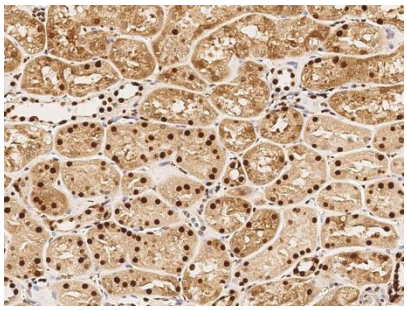
Catalog Number: **11942-T62**

GENERAL INFORMATION	
Immunogen:	Recombinant Human ANP32A / PHAP1 Protein (Catalog#11942-H20E)
Preparation	Produced in rabbits immunized with purified, recombinant Human ANP32A / PHAP1 (rh ANP32A / PHAP1; Catalog#11942-H20E; NP_006296.1; Glu2-Lys238). ANP32A / PHAP1 specific IgG was purified by Human ANP32A / PHAP1 affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Human ANP32A / PHAP1
Formulation:	0.2 μm filtered solution in PBS
Storage:	This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.
APPLICATIONS	
Applications:	WB,ELISA,IHC-P,ICC/IF,IP
RECOMMENDED CONCENTRATION	
IHC-P	IHC-P: 1:500-1:2000
ICC/IF	ICC/IF: 1:300-1:10000
Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP: 1-4 μL/mg of lysate
ELISA	ELISA: 1:5000-1:10000 This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human ANP32A / PHAP1.

Please Note: Optimal concentrations/dilutions should be determined by the end user.

ANP32A / PHAP1 Antibody, Rabbit PAb, Antigen Affinity Purified

Catalog Number: **11942-T62**



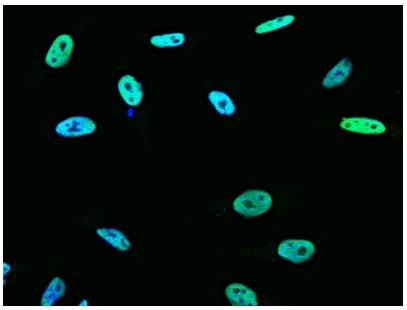
Immunochemical staining of human ANP32A in human kidney with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

(Validation Experiment)



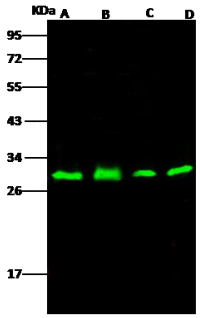
Immunochemical staining of human ANP32A in human skeletal muscle with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

(Validation Experiment)



Immunofluorescence staining of ANP32A in HeLa cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-human ANP32A polyclonal antibody (1:1000) at 4℃ overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to nucleus.

(Validation Experiment)



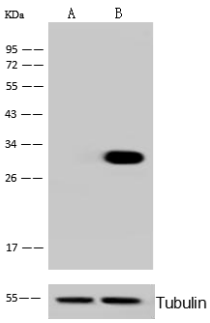
Anti-ANP32A rabbit polyclonal antibody at 1:500 dilution
Lane A: HEK293 Whole Cell Lysate
Lane B: Raji Whole Cell Lysate
Lane C: HeLa Whole Cell Lysate
Lane D: Jurkat Whole Cell Lysate

Lysates/proteins at 30 µg per lane.
Secondary
Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size:28 kDa
Observed band size:28 kDa

(Validation Experiment)



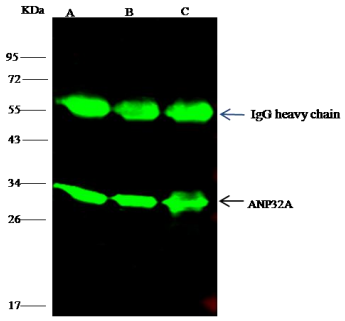
Anti-ANP32A rabbit polyclonal antibody at 1:500 dilution
Lane A: ANP32A konckout Hela Whole Cell Lysate
Lane B: Hela Whole Cell Lysate

Lysates/proteins at 20 µg per lane.
Secondary
Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.

Developed using the ECL technique.
Performed under reducing conditions.

Predicted band size:28 kDa
Observed band size:28 kDa

(Validation Experiment)



ANP32A was immunoprecipitated using:
Lane A:0.5 mg Jurkat Whole Cell Lysate
Lane B:0.5 mg Hela Whole Cell Lysate
Lane C:0.5 mg HepG2 Whole Cell Lysate

4 µL anti-ANP32A rabbit polyclonal antibody and 15 µl of 50 % Protein G agarose.

Primary antibody:
Anti-ANP32A rabbit polyclonal antibody,at 1:100 dilution

Secondary antibody:
Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Developed using the odssey technique.
Performed under reducing conditions.

Predicted band size: 29 kDa
Observed band size: 29 kDa

(Validation Experiment)