

Product Datasheet

Polycystin 2 Antibody - BSA Free NBP3-06363-100ul

Unit Size: 100 ul

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

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NBP3-06363-100ul

Polycystin 2 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

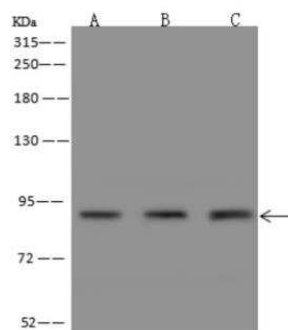
Description	This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	5311
Gene Symbol	PKD2
Species	Human
Immunogen	Produced in rabbits immunized with E. coli-derived Human Polycystin 2 fragment.

Product Application Details

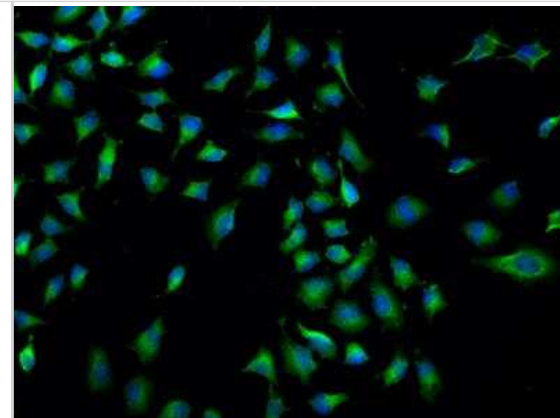
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunoprecipitation 1-5uL/mg of lysate, Immunohistochemistry-Paraffin 1:50-1:200

Images

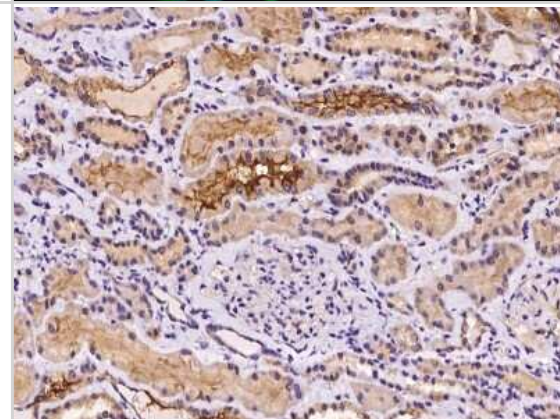
Western Blot: Polycystin 2 Antibody [NBP3-06363] - Anti-PKD2 rabbit polyclonal antibody at 1:500 dilution Lane A: HeLa Whole Cell Lysate Lane B: HEK293 Whole Cell Lysate Lane C: NIH3T3 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H +L) HRP at 110000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 97 kDa



Immunocytochemistry/Immunofluorescence: Polycystin 2 Antibody [NBP3-06363] - Immunofluorescence staining of PKD2 in HeLa 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 PKD2 polyclonal antibody (dilution ratio 1:200) at 4 degrees celsius overnight. Then cells were stained with the Alexa Fluor (TM) 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



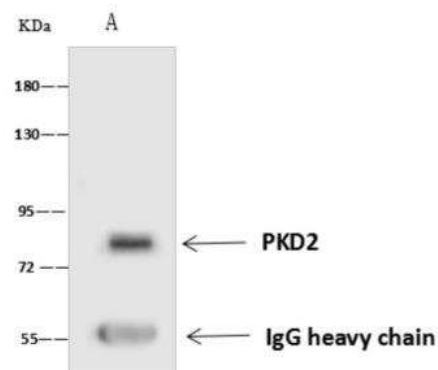
Immunohistochemistry: Polycystin 2 Antibody [NBP3-06363] - Immunochemical staining of human Polycystin 2 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



Immunohistochemistry-Paraffin: Polycystin 2 Antibody [NBP3-06363] - Immunochemical staining of human PKD2 in human gallbladder with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



Immunoprecipitation: Polycystin 2 Antibody [NBP3-06363] - PKD2 was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate 4 uL anti-PKD2 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein AG. Primary antibody: Anti-PKD2 rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Goat Anti-Rabbit IgG (H +L) HRP at 110000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 97 kDa Observed band size: 80 kDa





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Products Related to NBP3-06363-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00005311-Q01-10ug	Recombinant Human Polycystin 2 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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