

# Product Datasheet

## Polycystin 2 Antibody - BSA Free NBP1-80944

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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**NBP1-80944**

Polycystin 2 Antibody - BSA Free

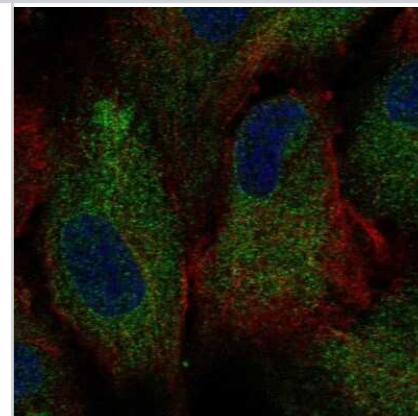
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

Product Description	
<b>Description</b>	Novus Biologicals Rabbit Polycystin 2 Antibody - BSA Free (NBP1-80944) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	5311
<b>Gene Symbol</b>	PKD2
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: REDLDDLHSSLPRPMSSRSFPRSLDDSEEDDDEDSGHSSRRRRGSISSGVSYE EFQVLVRRVDRMEHSIGSIVSKIDAVIVKLEIMERAKLKRREVLGRLLDGVAEDE RLGRDSEIHREQMERLVREELERWESDDAASQISH

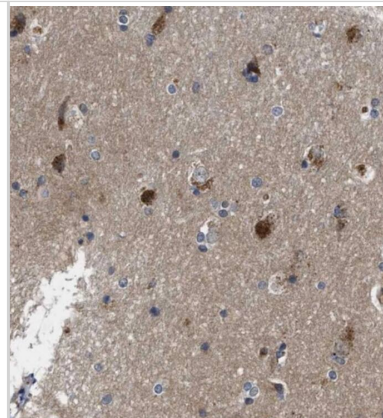
Product Application Details	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

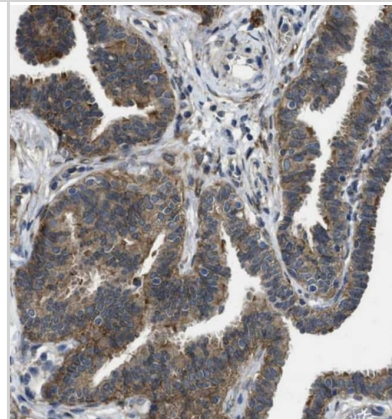
Immunocytochemistry/Immunofluorescence: Polycystin 2 Antibody [NBP1-80944] - Staining of human cell line BJ shows localization to endoplasmic reticulum. Antibody staining is shown in green.



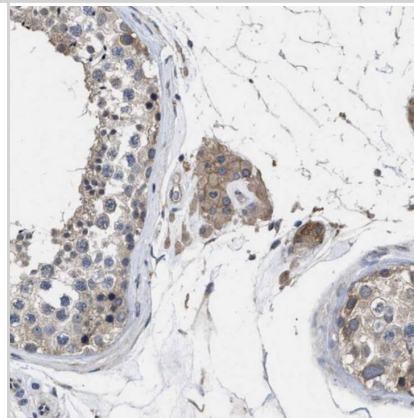
Staining of human hippocampus shows strong cytoplasmic granular positivity in neurons.



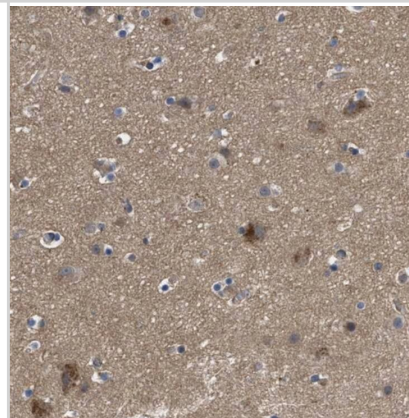
Staining of human fallopian tube shows strong cytoplasmic positivity in glandular cells.



Staining of human testis shows strong cytoplasmic positivity in Leydig cells.



Staining of human cerebral cortex shows strong cytoplasmic granular positivity in neurons.



Staining of human skeletal muscle shows no cytoplasmic positivity in myocytes as expected.





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### **Products Related to NBP1-80944**

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NBP1-80944PEP	Polycystin 2 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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