

# Product Datasheet

## Plakophilin 2 Antibody - BSA Free NBP2-58748

Unit Size: 100 ul

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

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**NBP2-58748**

Plakophilin 2 Antibody - BSA Free

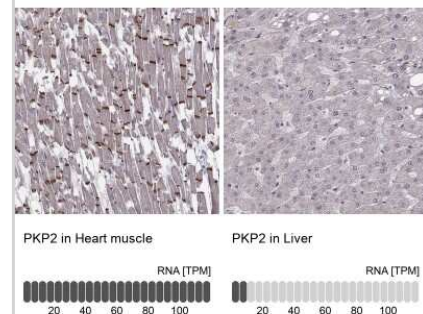
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Plakophilin 2 Antibody - BSA Free (NBP2-58748) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5318
Gene Symbol	PKP2
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: NLLTERSTFTDSQLGNADMENTLERAVSMLEADHMLPSRISAAATFIQHECFQK SEARKRVNQLRGILKLLQLLKVQNEDEVQRAVC

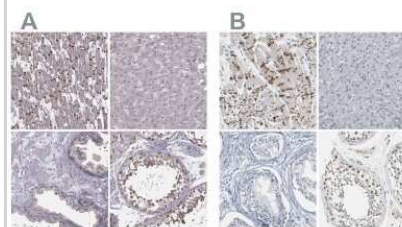
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. IHC-P, Retrieval method: HIER pH6.

**Images**

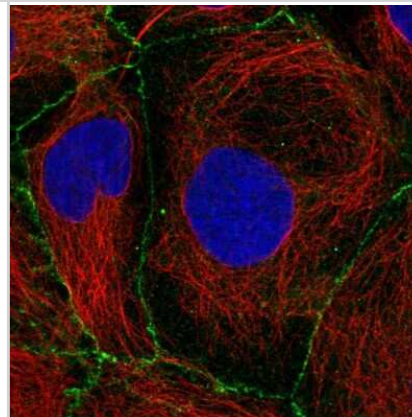
Immunohistochemistry-Paraffin: Plakophilin 2 Antibody [NBP2-58748] - Analysis in human heart muscle and liver tissues using NBP2-58748 antibody. Corresponding Plakophilin 2 RNA-seq data are presented for the same tissues.



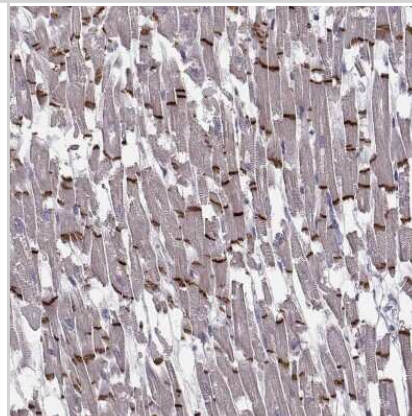
Immunohistochemistry-Paraffin: Plakophilin 2 Antibody [NBP2-58748] - Staining of human heart muscle, liver, prostate and testis using Anti-Plakophilin 2 antibody NBP2-58748 (A) shows similar protein distribution across tissues to independent antibody NBP1-86078 (B).



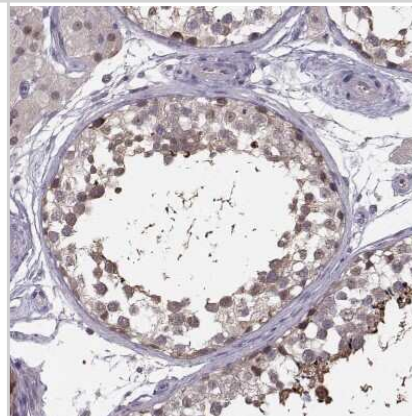
Immunocytochemistry/Immunofluorescence: Plakophilin 2 Antibody [NBP2-58748] - Staining of human cell line CACO-2 shows localization to cell junctions. Antibody staining is shown in green.



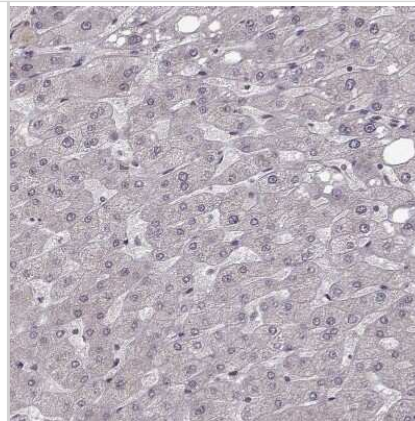
Immunohistochemistry-Paraffin: Plakophilin 2 Antibody [NBP2-58748] - Staining of human heart muscle shows strong positivity of intercalated discs.



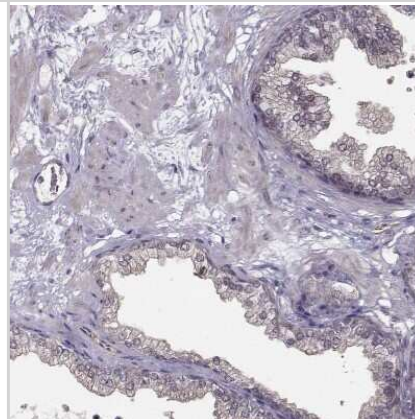
Immunohistochemistry-Paraffin: Plakophilin 2 Antibody [NBP2-58748] - Staining of human testis shows moderate nuclear positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: Plakophilin 2 Antibody [NBP2-58748] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: Plakophilin 2 Antibody [NBP2-58748] - Staining of human prostate shows low positivity in glandular cells as expected.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-58748**

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NBP2-58748PEP	Plakophilin 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.

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