

# Product Datasheet

## PPHLN1 Antibody - BSA Free NBP1-89480

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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**NBP1-89480**

PPHLN1 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

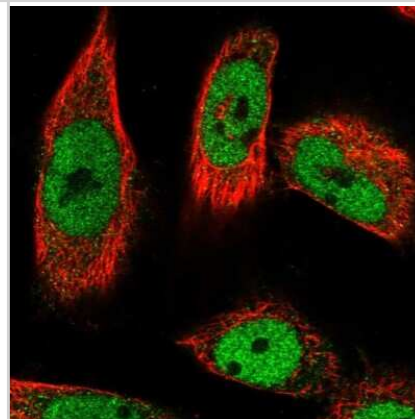
Product Description	
<b>Description</b>	Novus Biologicals Rabbit PPHLN1 Antibody - BSA Free (NBP1-89480) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PPHLN1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	51535
<b>Gene Symbol</b>	PPHLN1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (83%).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: KKPPLLDPRPGECSYNRYSHVDYRDYDEGRSFSHDRRSGPPHRGDESGYRW TRDDHSASRQPEYRDMRDGFRRKSFYSSHYARERSPYKRDNTFFRESPVGR KDSPHSR

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. PPHLN1 antibody validated for WB from a verified customer review.

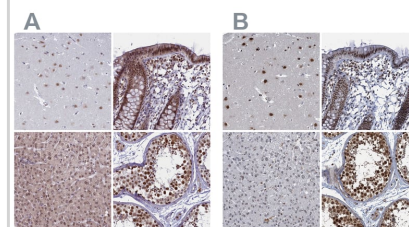


## Images

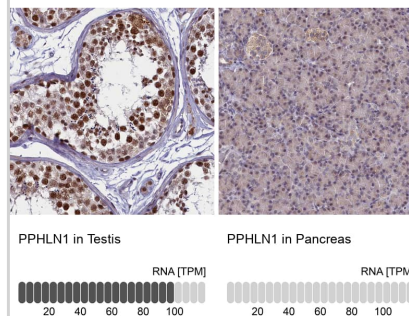
Immunocytochemistry/Immunofluorescence: PPHLN1 Antibody [NBP1-89480] - Staining of human cell line U-251 MG shows localization to nucleoplasm. Antibody staining is shown in green.



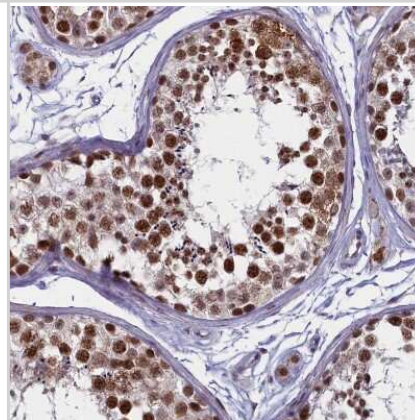
Staining of human cerebral cortex, colon, liver and testis using Anti-PPHLN1 antibody NBP1-89480 (A) shows similar protein distribution across tissues to independent antibody NBP2-38431 (B).



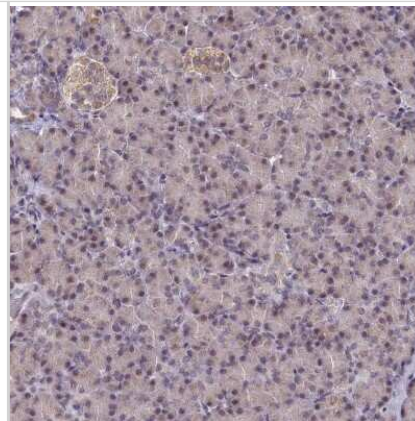
Analysis in human testis and pancreas tissues using NBP1-89480 antibody. Corresponding PPHLN1 RNA-seq data are presented for the same tissues.



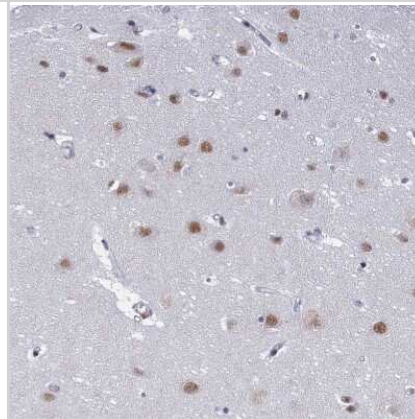
Immunohistochemistry-Paraffin: PPHLN1 Antibody [NBP1-89480] - Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.



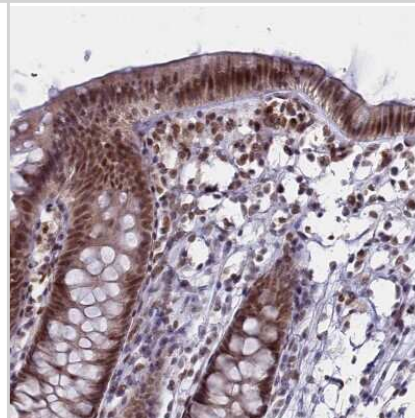
Immunohistochemistry-Paraffin: PPHLN1 Antibody [NBP1-89480] - Staining of human pancreas shows negative to very weak positivity in exocrine glandular cells.



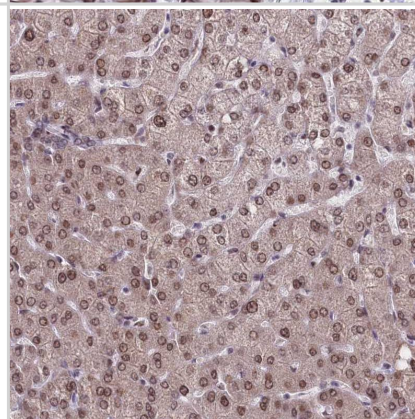
Immunohistochemistry-Paraffin: PPHLN1 Antibody [NBP1-89480] - Staining of human cerebral cortex shows moderate to strong nuclear positivity in neurons.



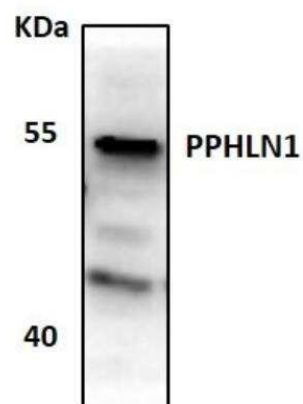
Immunohistochemistry-Paraffin: PPHLN1 Antibody [NBP1-89480] - Staining of human colon shows moderate to strong nuclear positivity in glandular cells.



Staining of human liver shows weak nuclear positivity in hepatocytes.



Western Blot: PPHLN1 Antibody [NBP1-89480] - Human foreskin fibroblasts whole cell lysates. Antibody at 1:1000. Image submitted by a verified customer review.



## Publications

Tchasovnikarova IA, Timms RT, Matheson NJ et al. GENE SILENCING. Epigenetic silencing by the HUSH complex mediates position-effect variegation in human cells. *Science* 2015 Jun 26 [PMID: 26022416] (WB, ICC/IF)



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### **Products Related to NBP1-89480**

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NBP1-89480PEP	PPHLN1 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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