

# Product Datasheet

## Pannexin-1 Antibody - BSA Free NBP1-92241

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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**NBP1-92241**

Pannexin-1 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

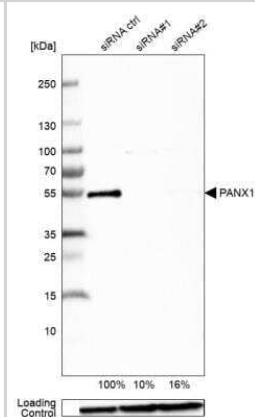
Product Description	
<b>Description</b>	Novus Biologicals Rabbit Pannexin-1 Antibody - BSA Free (NBP1-92241) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	24145
<b>Gene Symbol</b>	PANX1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (80%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: VLKVEILPTFDVLFHKSEGYNDLSLYNLFLEENISEVKSYPKLVLENIKSSGQ GIDPMLLLTNLGMKMDVVDGKTPMSAEMREEQGNQTAELQGMNIDSETKANN GEKNARQRLDSSC

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Knockdown Validated
<b>Application Notes</b>	IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation/Permeabilization: PFA/Triton X-100.

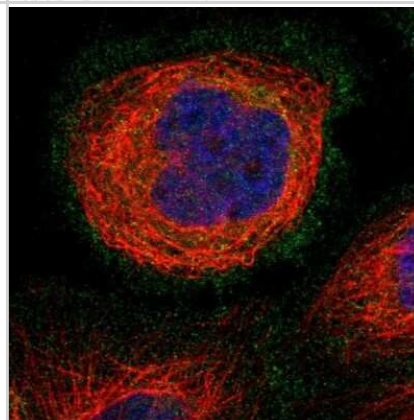


## Images

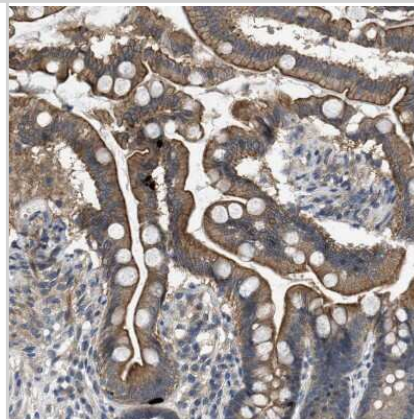
Western Blot: Pannexin-1 Antibody [NBP1-92241] - Analysis in U-138MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-PANX1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



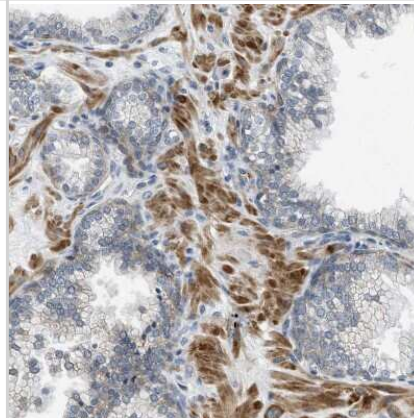
Immunocytochemistry/Immunofluorescence: Pannexin-1 Antibody [NBP1-92241] - Staining of human cell line A-431 shows localization to plasma membrane. Antibody staining is shown in green.



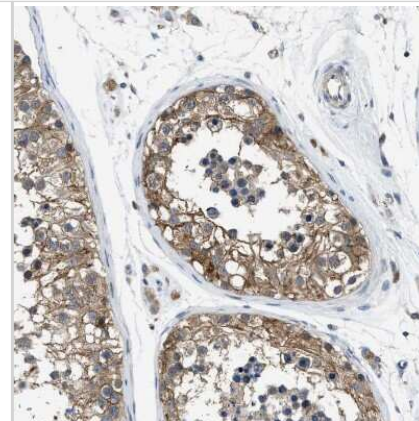
Immunohistochemistry-Paraffin: Pannexin-1 Antibody [NBP1-92241] - Staining of human small intestine shows moderate membranous positivity in glandular cells.



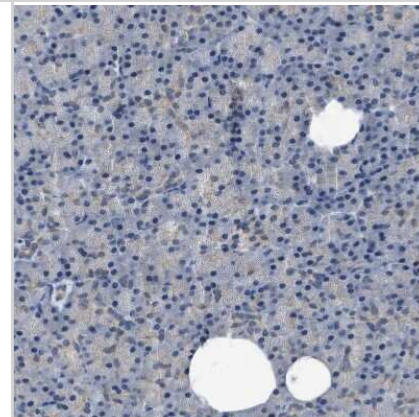
Immunohistochemistry-Paraffin: Pannexin-1 Antibody [NBP1-92241] - Staining of human prostate shows moderate cytoplasmic positivity in smooth muscle cells.



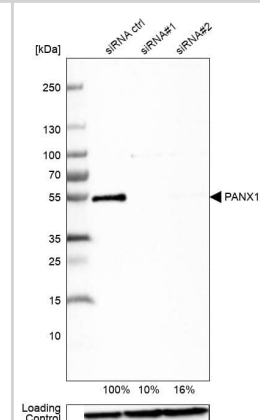
Immunohistochemistry-Paraffin: Pannexin-1 Antibody [NBP1-92241] - Staining of human testis shows strong membranous positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: Pannexin-1 Antibody [NBP1-92241] - Staining of human pancreas shows negative to very weak positivity in exocrine glandular cells.



Analysis in U-138MG cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-GAPDH.





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### **Products Related to NBP1-92241**

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NBP1-92241PEP	Pannexin-1 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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