

# Product Datasheet

## PI 4 Kinase type 2 beta Antibody - BSA Free NBP1-87908

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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**NBP1-87908**

PI 4 Kinase type 2 beta Antibody - BSA Free

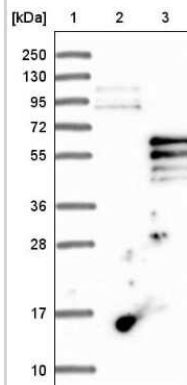
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	55300
Gene Symbol	PI4K2B
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (87%), Rat (86%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LILPYISDMNFVQDLCEDLYELFKTDKGFDKATFESQMSVMRGQILNLTQALRD GKSPFQLVQIPCVIVERSQGGSQGRIVHLSNSFTQTVNCRKPF

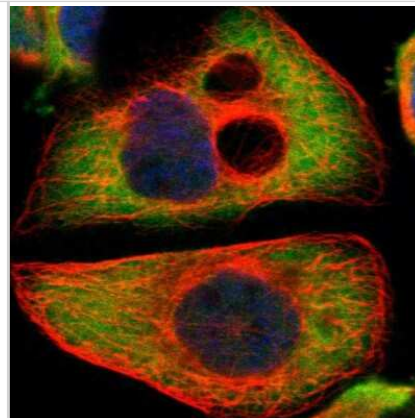
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

**Images**

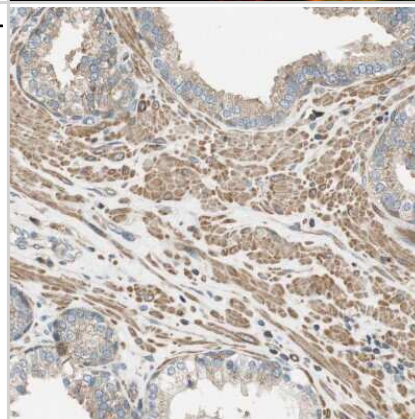
Western Blot: PI 4 Kinase type 2 beta Antibody [NBP1-87908] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Negative control (vector only transfected HEK293T lysate). Lane 3: Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



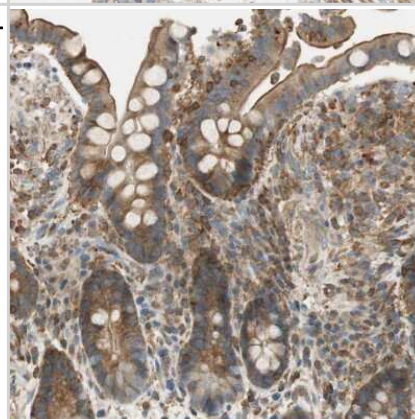
Immunocytochemistry/Immunofluorescence: PI 4 Kinase type 2 beta Antibody [NBP1-87908] - Immunofluorescent staining of human cell line A-431 shows localization to cytosol.



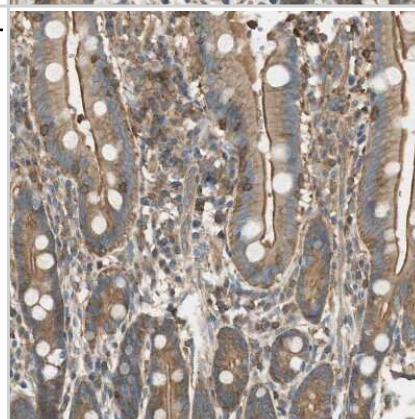
Immunohistochemistry-Paraffin: PI 4 Kinase type 2 beta Antibody [NBP1-87908] - Staining of human prostate shows moderate cytoplasmic positivity in smooth muscle cells.



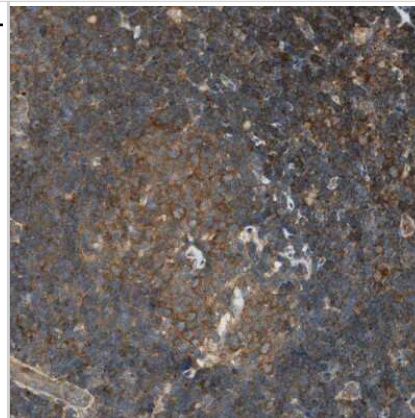
Immunohistochemistry-Paraffin: PI 4 Kinase type 2 beta Antibody [NBP1-87908] - Staining of human colon shows moderate cytoplasmic and membranous positivity in glandular cells.



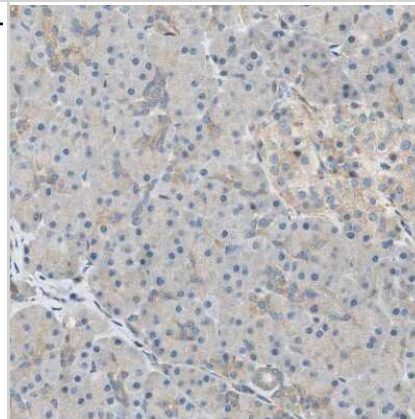
Immunohistochemistry-Paraffin: PI 4 Kinase type 2 beta Antibody [NBP1-87908] - Staining of human duodenum shows moderate to strong membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: PI 4 Kinase type 2 beta Antibody [NBP1-87908] - Staining of human lymph node shows moderate to strong membranous positivity in non-germinal and germinal center cells.



Immunohistochemistry-Paraffin: PI 4 Kinase type 2 beta Antibody [NBP1-87908] - Staining of human pancreas shows very weak positivity in exocrine glandular cells as expected.





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### **Products Related to NBP1-87908**

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NBP1-87908PEP	PI 4 Kinase type 2 beta 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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