

# Product Datasheet

## PHKA1 Antibody - BSA Free

### NBP1-87281

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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**NBP1-87281**

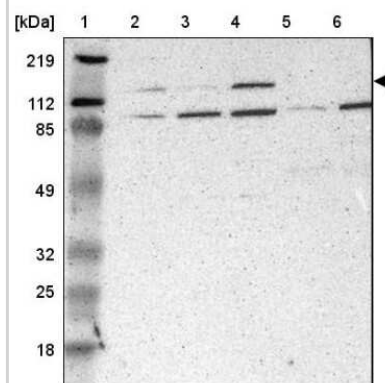
PHKA1 Antibody - BSA Free

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	
Description	Novus Biologicals Rabbit PHKA1 Antibody - BSA Free (NBP1-87281) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5255
Gene Symbol	PHKA1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (80%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AHSLRCSAEEATEGLMNLSPSAMKNLLHHILSGKEFGVERSVRPTDSNVSPAIS IHEIGAVGATKERTTGIMQLKSEIKQSPGTSMTTPSSGSFPSAYDQQSSKDSRQ GQWQ
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
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.

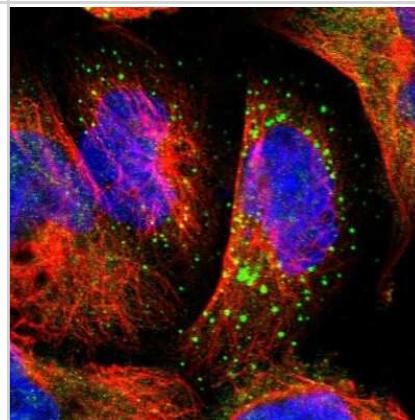


## Images

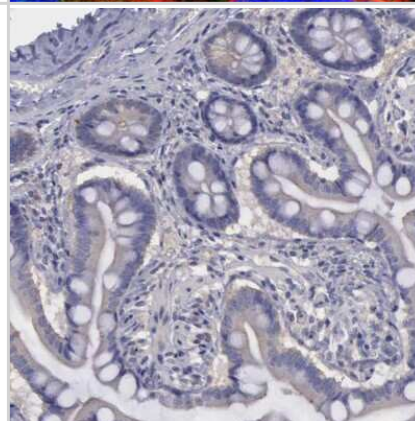
Western Blot: PHKA1 Antibody [NBP1-87281] - Lane 1: Marker [kDa] 219, 112, 85, 49, 32, 25, 18. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human cell line A-431. Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



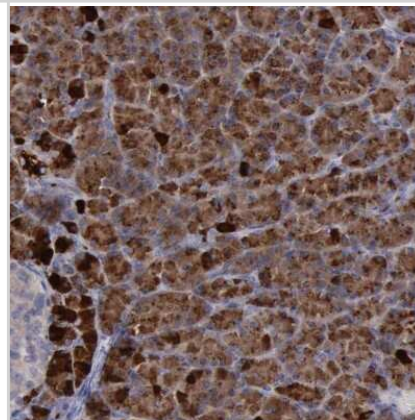
Immunocytochemistry/Immunofluorescence: PHKA1 Antibody [NBP1-87281] - Immunofluorescent staining of human cell line A-431 shows localization to vesicles.



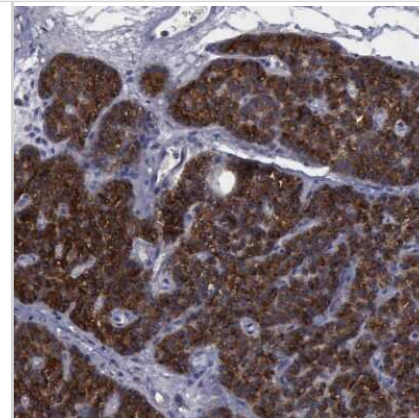
Immunohistochemistry-Paraffin: PHKA1 Antibody [NBP1-87281] - Staining of human small intestine shows low expression as expected.



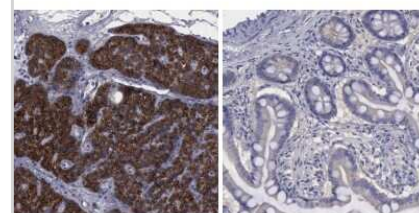
Immunohistochemistry-Paraffin: PHKA1 Antibody [NBP1-87281] - Staining of human pancreas shows strong granular cytoplasmic positivity in exocrine glandular cells.



Immunohistochemistry-Paraffin: PHKA1 Antibody [NBP1-87281] - Staining of human parathyroid gland shows high expression.

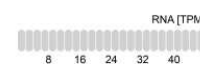
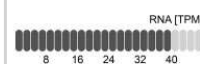


Immunohistochemistry-Paraffin: PHKA1 Antibody [NBP1-87281] - Staining in human parathyroid gland and small intestine tissues using anti-PHKA1 antibody. Corresponding PHKA1 RNA-seq data are presented for the same tissues.



PHKA1 in Parathyroid gland

PHKA1 in Small intestine





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### **Products Related to NBP1-87281**

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NBP1-87281PEP	PHKA1 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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