

# Product Datasheet

## GPKOW Antibody - BSA Free

### NBP1-81801

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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**NBP1-81801**

GPKOW 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

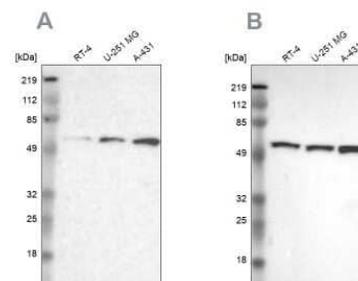
Product Description	
Description	Novus Biologicals Rabbit GPKOW Antibody - BSA Free (NBP1-81801) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-GPKOW Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	27238
Gene Symbol	GPKOW
Species	Human, Mouse, Rat
Marker	Nucleus Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ELQSVKPKQEAPKELVIPLIQNGHRRQPPARPPGPSTDTGALADGVVSQAVKELI AESKKSLEERENAGVDPTLAIPMIQKGCTPSGEGADSEPRAE TVPEEANYEA

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

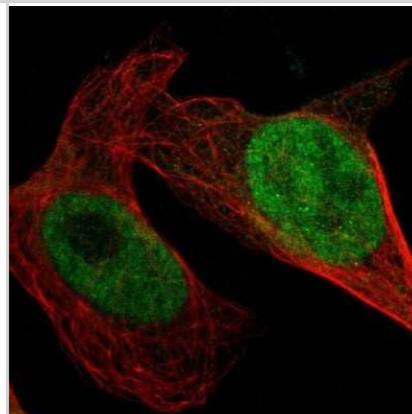


## Images

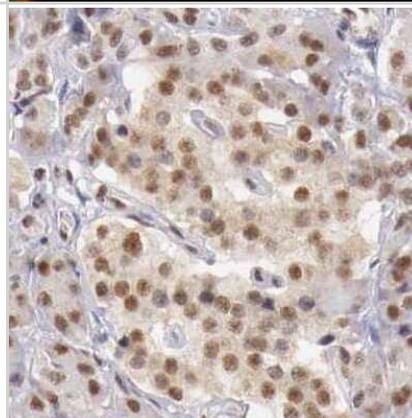
Western Blot: GPKOW Antibody [NBP1-81801] - Analysis using Anti-GPKOW antibody NBP1-81801 (A) shows similar pattern to independent antibody NBP1-81800 (B).



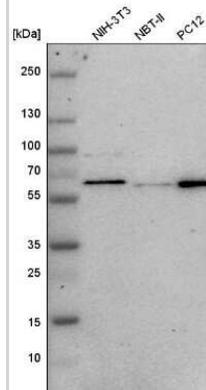
Immunocytochemistry/Immunofluorescence: GPKOW Antibody [NBP1-81801] - Staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



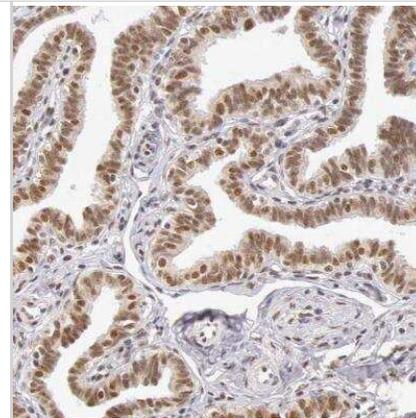
Immunohistochemistry-Paraffin: GPKOW Antibody [NBP1-81801] - Staining of human pancreas using Anti-GPKOW antibody NBP1-81801.



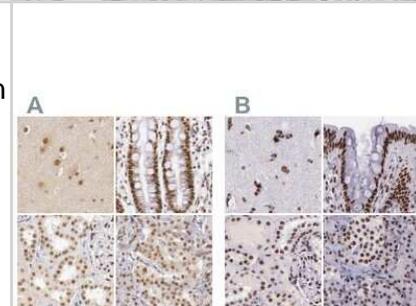
Western Blot: GPKOW Antibody [NBP1-81801] - Analysis in mouse cell line NIH-3T3, rat cell line NBT-II and rat cell line pC12.



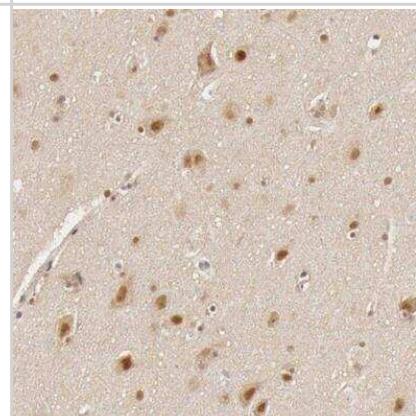
Immunohistochemistry-Paraffin: GPKOW Antibody [NBP1-81801] - Staining of human fallopian tube shows nuclear positivity in glandular cells.



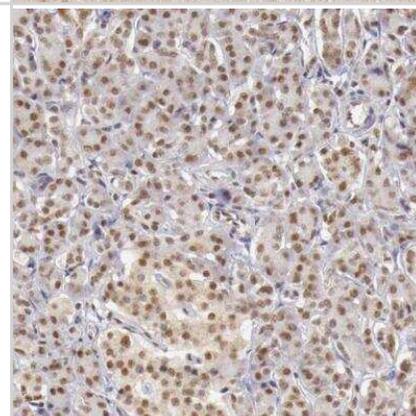
Immunohistochemistry-Paraffin: GPKOW Antibody [NBP1-81801] - Staining of human cerebral cortex, colon, kidney and pancreas using Anti-GPKOW antibody NBP1-81801 (A) shows similar protein distribution across tissues to independent antibody NBP1-81800 (B).



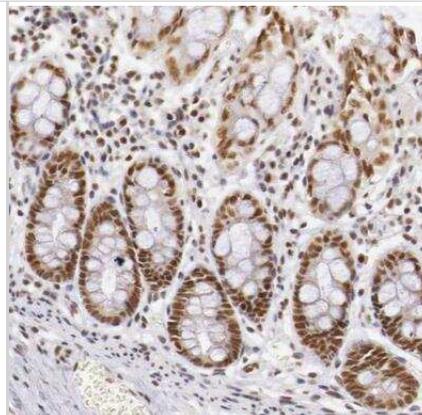
Immunohistochemistry-Paraffin: GPKOW Antibody [NBP1-81801] - Staining of human cerebral cortex shows moderate to strong nuclear positivity in neurons and glial cells.



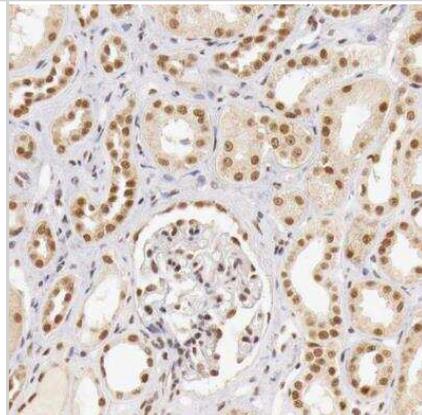
Immunohistochemistry-Paraffin: GPKOW Antibody [NBP1-81801] - Staining of human pancreas shows moderate to strong nuclear positivity in exocrine glandular cells and in islets of Langerhans.



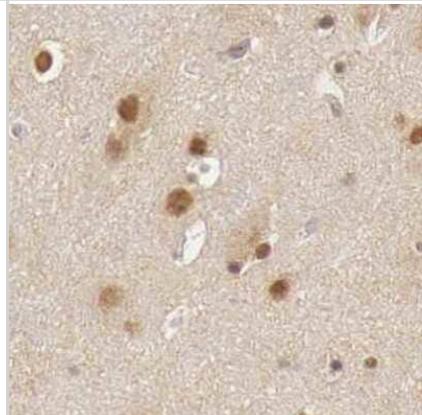
Immunohistochemistry-Paraffin: GPKOW Antibody [NBP1-81801] - Staining of human colon shows moderate to strong nuclear positivity in glandular cells.



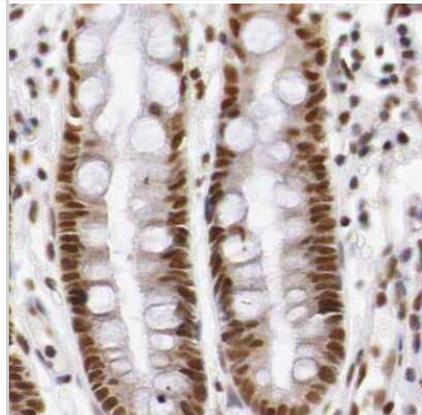
Immunohistochemistry-Paraffin: GPKOW Antibody [NBP1-81801] - Staining of human kidney shows moderate to strong nuclear positivity in cells in tubules and in cells in glomeruli.



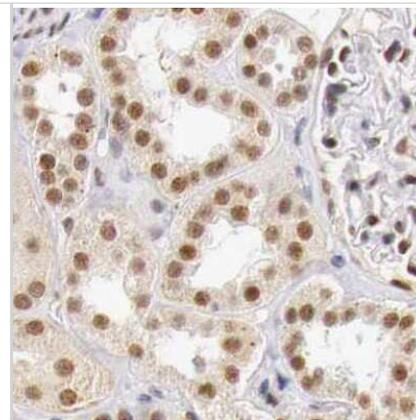
Immunohistochemistry-Paraffin: GPKOW Antibody [NBP1-81801] - Staining of human cerebral cortex using Anti-GPKOW antibody NBP1-81801.



Immunohistochemistry-Paraffin: GPKOW Antibody [NBP1-81801] - Staining of human colon using Anti-GPKOW antibody NBP1-81801.



Immunohistochemistry-Paraffin: GPKOW Antibody [NBP1-81801] - Staining of human kidney using Anti-GPKOW antibody NBP1-81801.



## Publications

Aksaas AK, Larsen AC, Rogne M et al. G-patch domain and KOW motifs-containing protein, GPKOW; a nuclear RNA-binding protein regulated by protein kinase A. *J Mol Signal* 2011-08-31 [PMID: 21880142]



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### **Products Related to NBP1-81801**

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NBP1-81801PEP	GPKOW 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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