

Product Datasheet

GKAP1 Antibody NBP1-84669

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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technical@novusbio.com

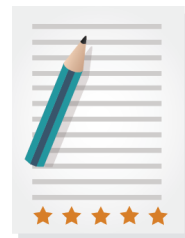
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NBP1-84669

GKAP1 Antibody

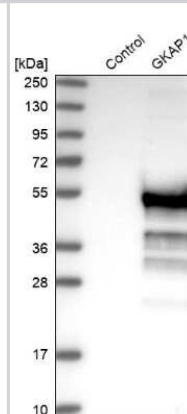
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	80318
Gene Symbol	GKAP1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (85%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KNHQQGKDRPLTVSLKDFHSEDHISKKTEELSSSQTLSDGGFFNRLEDDVHKIL IREKRREQLTEYNGTDNCTAHEHNQALVLKDG

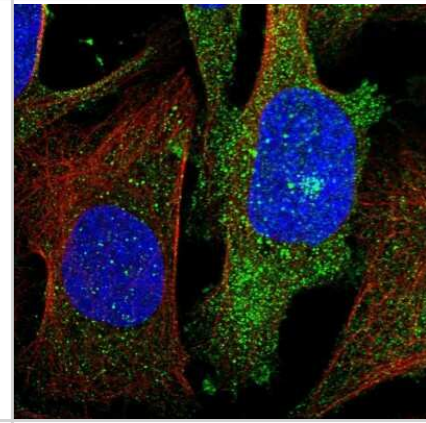
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

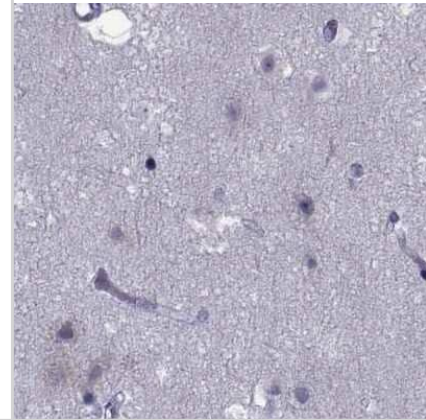
Western Blot: GKAP1 Antibody [NBP1-84669] - Analysis in control (vector only transfected HEK293T lysate) and GKAP1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



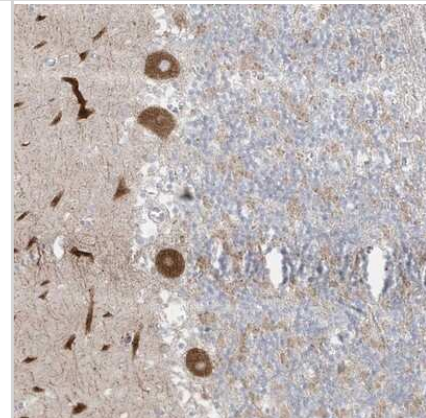
Immunocytochemistry/Immunofluorescence: GKAP1 Antibody [NBP1-84669] - Staining of human cell line U-2 OS shows localization to cytosol & microtubule organizing center.



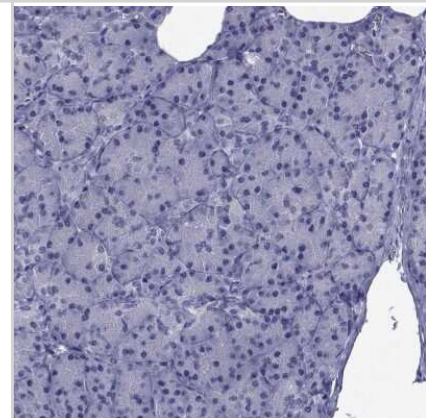
Immunohistochemistry-Paraffin: GKAP1 Antibody [NBP1-84669] - Staining of human cerebral cortex.



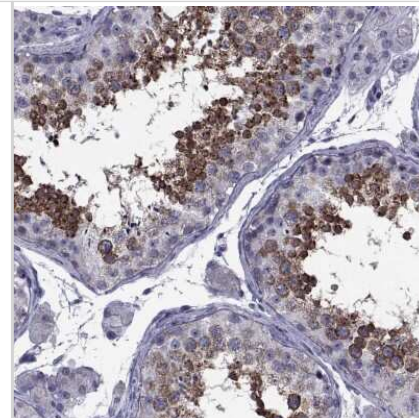
Immunohistochemistry-Paraffin: GKAP1 Antibody [NBP1-84669] - Staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cell.



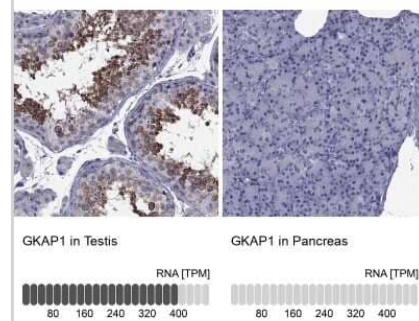
Immunohistochemistry-Paraffin: GKAP1 Antibody [NBP1-84669] - Staining of human pancreas shows low expression as expected.



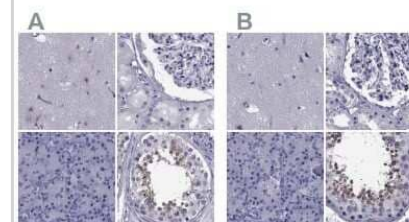
Immunohistochemistry-Paraffin: GKAP1 Antibody [NBP1-84669] - Staining of human testis shows high expression.



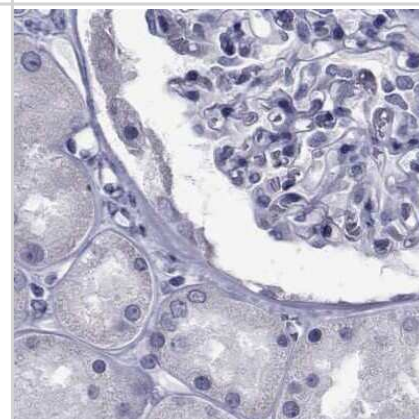
Immunohistochemistry-Paraffin: GKAP1 Antibody [NBP1-84669] - Staining in human testis and pancreas tissues using anti-GKAP1 antibody. Corresponding GKAP1 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: GKAP1 Antibody [NBP1-84669] - Staining of human cerebral cortex, kidney, pancreas and testis using Anti-GKAP1 antibody NBP1-84669 (A) shows similar protein distribution across tissues to independent antibody NBP2-62650 (B).



Immunohistochemistry-Paraffin: GKAP1 Antibody [NBP1-84669] - Staining of human kidney.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-84669

NBP1-84669PEP	GKAP1 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

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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