

# Product Datasheet

## PAK1 Antibody - BSA Free NBP1-85802

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 1

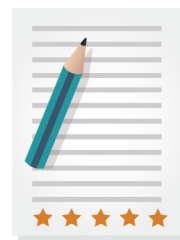
Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
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Updated 2/21/2025 v.20.1

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**NBP1-85802**

PAK1 Antibody - BSA Free

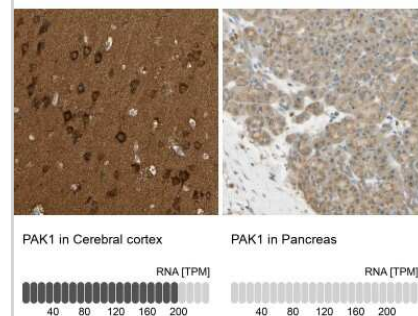
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	5058
Gene Symbol	PAK1
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23436904)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NSQKYMSFTDKSAEDYNSSNALNVKAVSETPAVPPVSEDEDDDDDDATPPPVI APRPEHTKSVYTRSVIEPLVPTPTRDVATSPISPTENNTTPPDALTRNTEKQKKK PKMSDEE

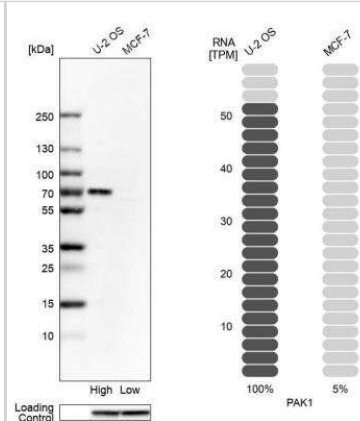
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:200-1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200-1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

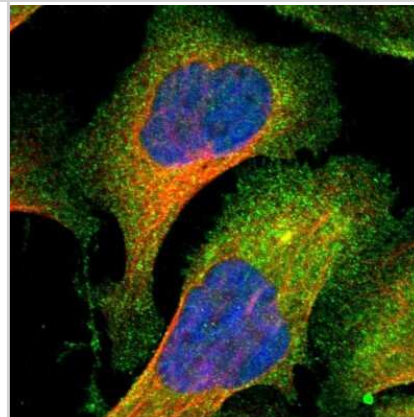
Immunohistochemistry-Paraffin: PAK1 Antibody [NBP1-85802] - Staining in human cerebral cortex and pancreas tissues using anti-PAK1 antibody. Corresponding PAK1 RNA-seq data are presented for the same tissues.



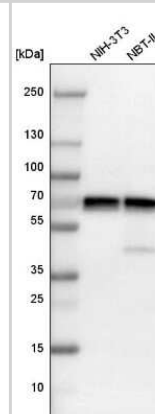
Western Blot: PAK1 Antibody [NBP1-85802] - Analysis in human cell lines U2OS and MCF-7 using Anti-PAK1 antibody. Corresponding PAK1 RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



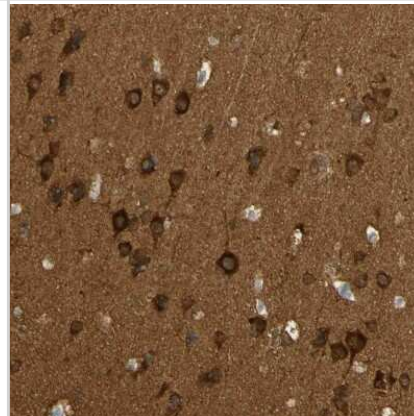
Immunocytochemistry/Immunofluorescence: PAK1 Antibody [NBP1-85802] - Staining of human cell line U-2 OS shows localization to plasma membrane and cytosol.



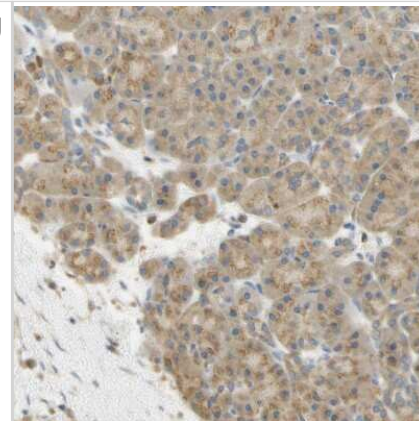
Western Blot: PAK1 Antibody [NBP1-85802] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Immunohistochemistry-Paraffin: PAK1 Antibody [NBP1-85802] - Staining of human cerebral cortex shows high expression.



Immunohistochemistry-Paraffin: PAK1 Antibody [NBP1-85802] - Staining of human pancreas shows low expression as expected.



## Publications

Geiger T, Velic A, Macek B et al. Initial Quantitative Proteomic Map of 28 Mouse Tissues Using the SILAC Mouse. Mol Cell Proteomics 2013-06-01 [PMID: 23436904]



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### **Products Related to NBP1-85802**

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NBP1-85802PEP	PAK1 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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