

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.

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

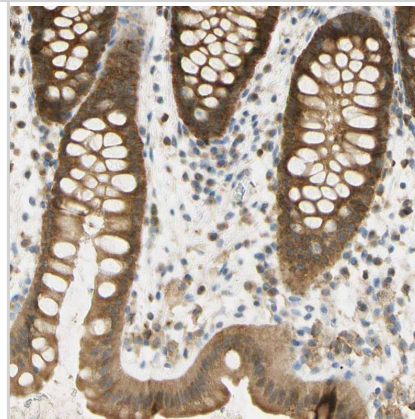
Product Description	
Description	Novus Biologicals Rabbit PAK1 Antibody - BSA Free (NBP1-85802) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PAK1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5058
Gene 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 APRPEHTKSVYTRSVIEPLPVTPTRDVATSPISPTENNTTPPDALTRNTEKQKKK PKMSDEE

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
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.

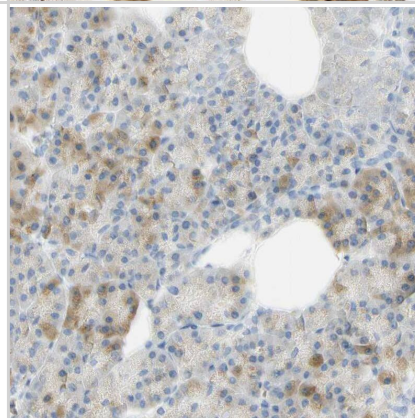


Images

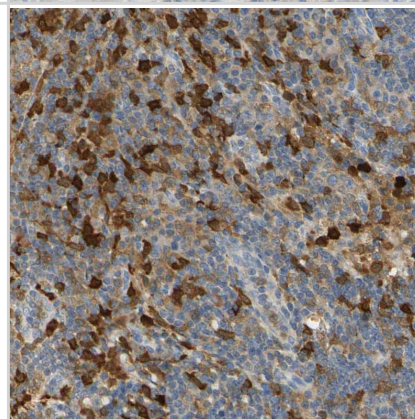
Staining of human rectum shows strong cytoplasmic and membranous positivity in glandular cells.



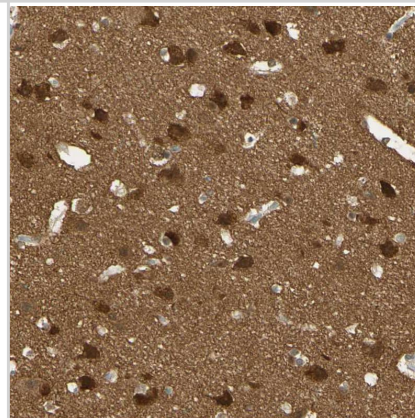
Staining of human pancreas shows no positivity in endocrine glandular cells as expected.



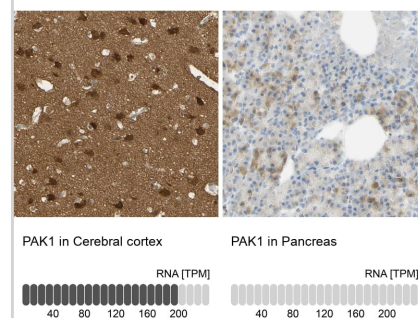
Staining of human lymph node shows moderate cytoplasmic positivity in non-germinal center cells.



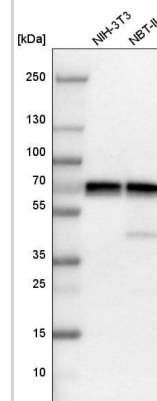
Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



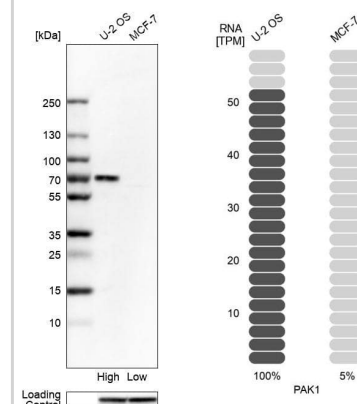
Immunohistochemistry analysis in human cerebral cortex and pancreas tissues using HPA003565 antibody. Corresponding PAK1 RNA-seq data are presented for the same tissues.



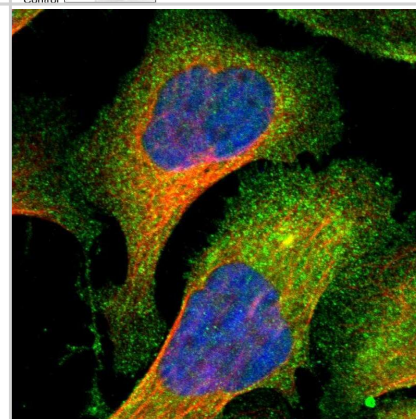
Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



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.



Staining of human cell line U-2 OS shows localization to plasma membrane & cytosol.



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

NBP1-85802PEP	PAK1 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

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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