

# Product Datasheet

## PAK1 [p Ser204] Antibody - BSA Free NBP2-29665

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-29665**

PAK1 [p Ser204] Antibody - BSA Free

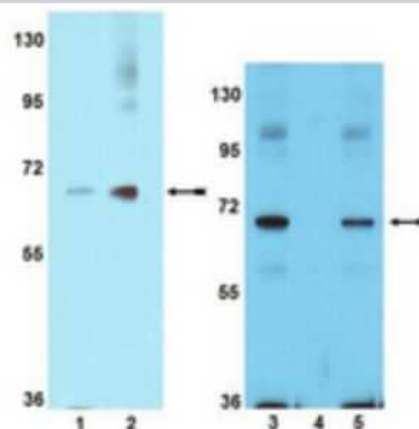
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS and 50% Glycerol
Target Molecular Weight	65 kDa

Product Description	
Description	Relevant Entrez Gene Numbers: NP_002567
Host	Rabbit
Gene ID	5058
Gene Symbol	PAK1
Species	Human
Reactivity Notes	Human
Specificity/Sensitivity	Recognizes PAK1 phosphorylated on Ser199 and Ser204 (human)/Ser198 and Ser203 (mouse). Immunogen sequence is highly homologous (greater than 90%) with PAK2 and PAK3.
Immunogen	Amino Acids encompassing and including phosphorylated Ser199 and Ser204 of human PAK1. Sequence is highly homologous (greater than 90%) to PAK2 and PAK3.
Notes	Relevant Entrez Gene Numbers: NP_002567

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:100-1:2000

**Images**

Western Blot: PAK1 [p Ser204] Antibody [NBP2-29665] - Untreated and pervanadate-treated NIH/3T3 cells (lanes 1 and 2, respectively) were resolved by electrophoresis, transferred to PVDF and probed with anti-phospho-PAK1 (Ser204) (1:1,000). Blocking Peptide Analysis: Pervanadate-treated NIH/3T3 lysate was either unblocked, phosphorylated-peptide blocked, or non-phosphorylated peptide blocked (lanes 3, 4, and 5, respectively) that are that were resolved by electrophoresis, transferred to PVDF and probed with anti-phospho-PAK1 (Ser204) (1:1,000). Lanes 4 and 5 were blocking peptides were the phosphorylated peptide used as the immunogen and the non-phosphorylated form of the peptide. Proteins were visualized using a goat anti-rabbit secondary antibody conjugated to HRP and a chemiluminescence detection system. Arrow indicates phosphorylated PAK1.





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### **Products Related to NBP2-29665**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00005058-P01-10ug	Recombinant Human PAK1 GST (N-Term) Protein

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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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