

Product Datasheet

PAK1/2/3 [p Thr423, p Thr402, p Thr421] Antibody - BSA Free **NB100-82131**

Unit Size: 0.05 ml

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

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NB100-82131

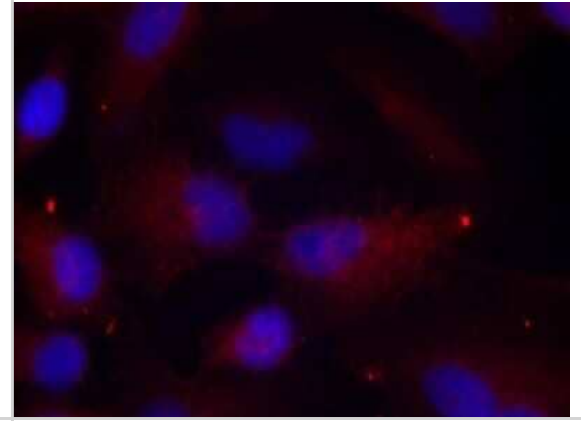
PAK1/2/3 [p Thr423, p Thr402, p Thr421] Antibody - BSA Free

Product Information	
Unit Size	0.05 ml
Concentration	1.0 mg/ml
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 (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 50% glycerol
Target Molecular Weight	60 kDa
Product Description	
Host	Rabbit
Gene ID	5058
Gene Symbol	PAK1
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects endogenous levels of PAK1/2/3 only when phosphorylated at threonine 423/402/421.
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from Human PAK1/2/3 around the phosphorylation site of threonine 423/402/421 (R-S-TP-M-V).
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry 1:50-1:100, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
Application Notes	Use in Western blot reported in scientific literature (PMID 26821597). Use in Immunohistochemistry-Frozen reported in scientific literature (PMID: 29066727).

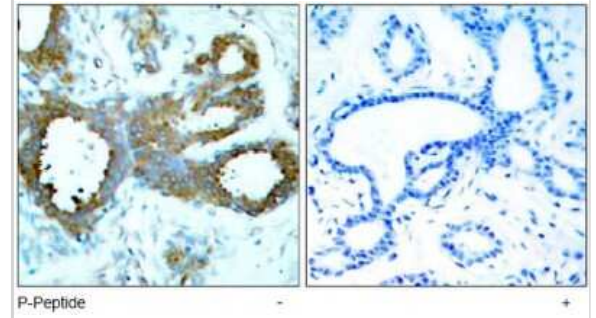


Images

Immunocytochemistry/Immunofluorescence: PAK1/2/3 [p Thr423, p Thr402, p Thr421] Antibody [NB100-82131] - Staining of methanol-fixed Hela cells using PAK1/PAK2/PAK3(Phospho-Thr423/Thr402/Thr421) antibody



Immunohistochemistry-Paraffin: PAK1/2/3 [p Thr423, p Thr402, p Thr421] Antibody [NB100-82131] - Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using NB100-82131 (left) or the same antibody preincubated with blocking peptide(right).



P-Peptide -

Publications

Das A, Dines M, Alapin JM, Lamprecht R. Affecting long-term fear memory formation through optical control of Rac1 GTPase and PAK activity in lateral amygdala. Sci Rep. 2017-10-24 [PMID: 29066727] (IHC-Fr, Mouse)

Jackson WD, Weinrich TW, Woollard KJ. Very-low and low-density lipoproteins induce neutral lipid accumulation and impair migration in monocyte subsets. Sci Rep. 2016-01-29 [PMID: 26821597] (WB, Mouse)



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Products Related to NB100-82131

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
236-EG-200	EGF [Unconjugated]

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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