

RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Rabbit Anti-PAK2 (NT)

Catalog No.
MD-14-1173

Host Animal:
Rabbit

Isotype:
N/A

Description: Rabbit anti PAK2 (NT)
Rabbit Antibody to Human p21-activated kinase 2 (PAK2), N-terminal

Specificity: Reacts to the N-terminal of human, mouse, and rat PAK2.
The p21-activated kinases (PAKs) are serine-threonine kinases that bind to the active forms of Cdc42 and Rac (1). Of the six PAK proteins, only PAK2 is ubiquitously expressed and cleaved by caspase-3. This cleavage removes the amino-terminal regulatory domain and generates a constitutively active kinase fragment(2).

Host Animal: Rabbit

Immunogen: Synthetic peptide corresponding to 14 amino acids near the amino terminus of human PAK2 (Genbank accession No. NP_002568)

Format: Affinity Purified, Liquid

Purification: Immunoaffinity chromatography

Concentration: Lot specific

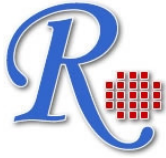
Buffer: PBS

Preservative: 0.02% Sodium azide

Applications: Suitable for use in Western blot (0.5–1ug/ml).
Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store (up to 1 year) at 2–8 C.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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References:

The references listed below are for research purposes only.

1. Jaffer, Z.M. and Chernoff, J., (2002), "p21-activated kinases: three more join the Pak", *Int. J. Biochem. Cell Biol.*, **34**:713–717.
2. Rudel, T. and Bokoch, G.M., (1997), "Membrane and morphological changes in apoptotic cells regulated by caspase-mediated activation of PAK2", *Science*, **276**:1571–1574.
3. Vilas, G.L., et al., (2006), "Posttranslational myristoylation of caspase-activated p21-activated protein kinase 2 (PAK2) potentiates late apoptotic events", *Proc. Natl. Acad. Sci. USA*, **103**:6542–6547.

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