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Phospho-PAK1/PAK2/PAK3-T423/T402/T421

Reactivity: Human Mouse Rat

Tested applications:IHC IF

Recommended Dilution:IHC 1:50 - 1:100 IF 1:100 - 1:200

Observed MW: Refer to Figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding T423/402/421 of human PAK1/2/3

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

p21-activated kinase 1; PAK-1; p65-PAK; Alpha-PAK;

Catalog #:AP0425

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:5058/ 5062/ 5063

Isotype: IgG

Swiss Prot:Q13153/Q13177/O75914

Purity: Affinity purification

For research use only.

Background:

The activated kinase acts on a variety of targets. Likely to be the GTPase effector that links the Rho-related GTPases to the JNK MAP kinase pathway. Activated by CDC42 and RAC1. Involved in dissolution of stress fibers and reorganization of focal complexes. Involved in regulation of microtubule biogenesis through phosphorylation of TBCB. Activity is inhibited in cells undergoing apoptosis, potentially due to binding of CDC2L1 and CDC2L2.

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