

Product Name: PAK1 Rabbit Monoclonal antibody
Catalog #: AMRe02803



Summary

Production Name	PAK1 Rabbit Monoclonal antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,IP
Reactivity	Human,Mouse,Rat,Hamster

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	PAK1
Alternative Names	PAK1; Serine/threonine-protein kinase PAK 1; Alpha-PAK; p21-activated kinase 1; PAK-1; p65-PAK
Gene ID	5058
SwissProt ID	Q13153.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 IP: 1:20
Molecular Weight	Calculated MW: 61 kDa; Observed MW: 61 kDa

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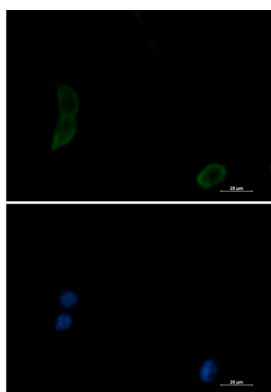
Background

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.

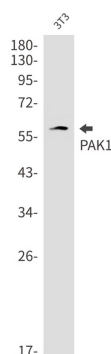
Research Area

Cell Biology

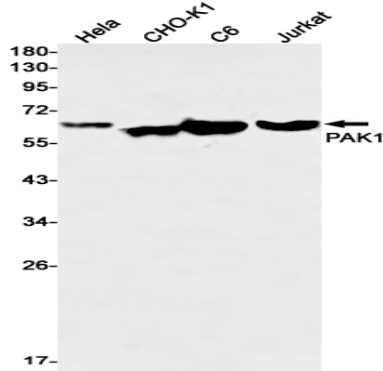
Image Data



Immunocytochemistry analysis of PAK1 (green) in 3T3 using PAK1 antibody, and DAPI (blue).



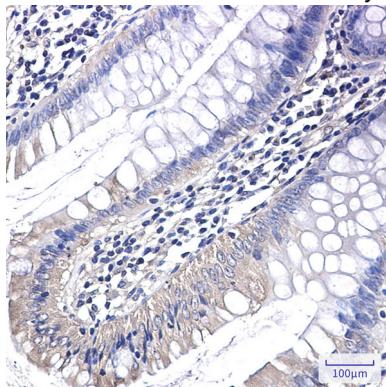
Western blot analysis of PAK1 in 3T3 lysates using PAK1 antibody.



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Western blot analysis of PAK1 in Hela, CHO-K1, C6, Jurkat lysates using PAK1 antibody



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using PAK1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.