EnkiLife

Product Name: PAK1 Rabbit Monoclonal antibody
Catalog #: AMRe02803
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human,Mouse,Rat,Hamster
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.16mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

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

Antigen Information

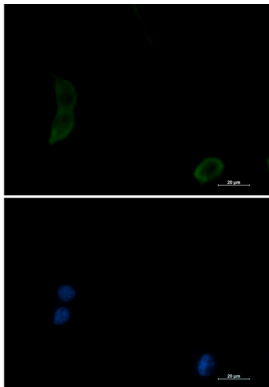|	
Gene Name	PAK1
Alternative Names	PAK1; Serine/threonine-protein kinase PAK 1; Alpha-PAK; p21-activated kinase 1; PAK-1; p65-PAK
Gene ID	5058
SwissProt ID	Q13153
Immunogen	A synthetic peptide of human PAK1

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.
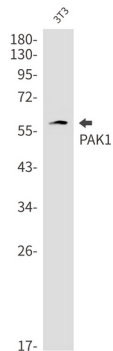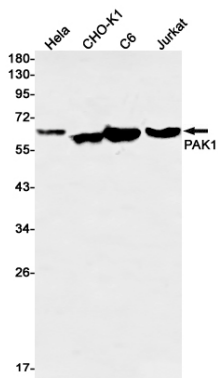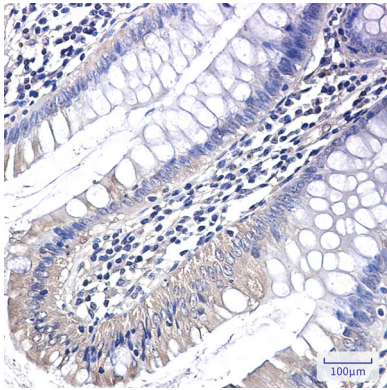
Research Area

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.

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.