Anti-PAK1 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R011315

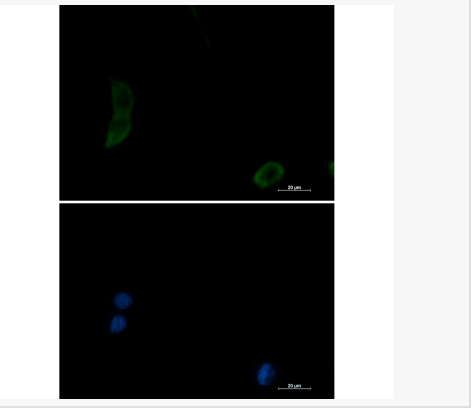
Product Information

Application	WB, IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ICC/IF (Cell), IP, ELISA
Reactivity	Hamster, Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	28K90M22
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human PAK1
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PAK1 antibody [28K90M22] is for research use only and not for use in diagnostic or therapeutic procedures.

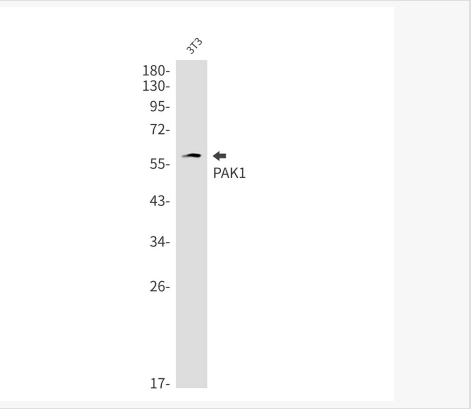
Protein Information

Synonyms	PAK1, Serine/threonine-protein kinase PAK 1, Alpha-PAK, p21-activated kinase 1, PAK-1, p65-PAK.
Calculated MW	Calculated MW: 61 kDa; Observed MW: 61 kDa
Uniprot ID	Q13153
Gene ID	5058
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.

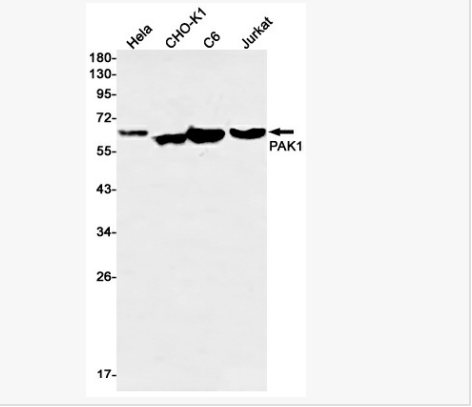
Validation Images



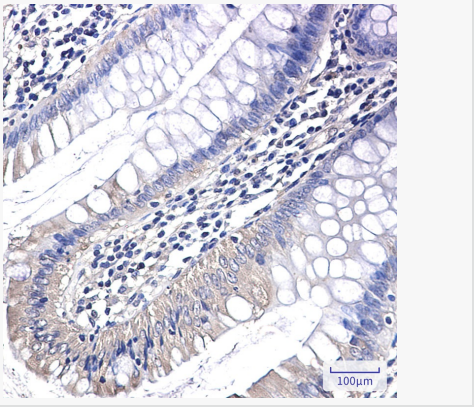
Immunocytochemistry analysis of PAK1 (green) in 3T3 using PAK1 antibody and DAPI (blue) .



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.