

Phospho-PAK1 (Thr212) Antibody



PACO24473

Product Information

Size:

100ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC, IF

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:1000,
IHC:1:50-1:100, IF:1:100-1:200

Protein 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.

Gene ID:

PAK1

Uniprot

Q13153

Synonyms:

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

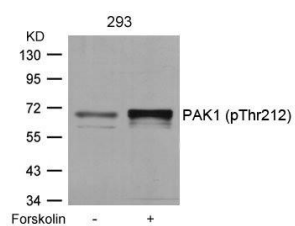
Immunogen:

Peptide sequence around phosphorylation site of threonine 212 (P-V-T(p)-P-T) derived from Human PAK1.

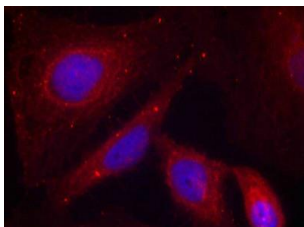
Storage:

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

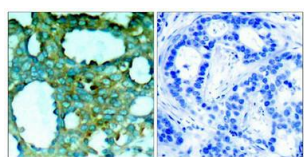
Product Images



Western blot analysis of extracts from 293 cells untreated or treated with forskolin using PAK1(Phospho-Thr212) Antibody.



Immunofluorescence staining of methanol-fixed HeLa cells using PAK1(Phospho-Thr212) Antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using PAK1(Phospho-Thr212) Antibody(left) or the same antibody preincubated with blocking peptide(right).