

## Anti-PAK1(Serine/threonine-protein kinase PAK 1) Polyclonal Antibody

Cat. #: 60B877

### Description:

The activated kinase, PAK1 (Serine/threonine-protein kinase PAK 1) acts on a variety of targets. PAK1 is Likely to be the GTPase effector that links the Rho-related GTPases to the JNK MAP kinase pathway. Its activity inhibited in cells undergoing apoptosis, potentially due to binding of CDC2L1 and CDC2L2.

PAK1 interacts tightly with GTP-bound but not GDP-bound CDC42/P21 and RAC1. It binds to the caspase-cleaved p110 isoform of CDC2L1 and CDC2L2, p110C, but not the full-length proteins. PAK1 (Serine/threonine-protein kinase PAK 1) is the component of cytoplasmic complexes, which also contain PXN, ARHGEF6 and GIT1.

PAK1 belongs to the Ser/Thr protein kinase family and STE20 subfamily.

### Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human PAK1 (Serine/threonine-protein kinase PAK 1)

### References

- Sells,M.A., et al, Curr. Biol. 7 (3), 202-210 (1997)  
Brown,J.L., et al, Curr. Biol. 6 (5), 598-605 (1996)  
Chen,S., et al, J. Biol. Chem. 278 (22), 20029-20036 (2003)

Clone Number:

Isotype:

Species: human, mouse

Storage and Stability: at -20oC

### Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

### Preparation:

Purified by antigen-specific affinity chromatography.

### Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)