

## Anti-PAK3(Serine/threonine-protein kinase PAK 3) Polyclonal Antibody

Cat. #: 60B879

### Description:

The activated kinase, PAK3 (Serine/threonine-protein kinase PAK 3) acts on a variety of targets. PAK3 (Serine/threonine-protein kinase PAK 3) interacts tightly with GTP-bound but not GDP-bound CDC42/p21 and RAC1. PAK3 shows highly specific binding to the SH3 domains of phospholipase C-gamma and of adapter protein NCK. PAK3 is highly expressed in postmitotic neurons of the developing and postnatal cerebral cortex and hippocampus. Defects in PAK3 are the cause of non-specific X-linked nonsyndromic mental retardation type 30 (MRX30).

### Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human PAK3 (Serine/threonine-protein kinase PAK 3)

### References

Allen, K.M., et al, Nat. Genet. 20 (1), 25-30 (1998)  
Kitano, T., et al, Mol. Biol. Evol. 20 (8), 1281-1289 (2003)

Species: human, mouse, rat  
Storage and Stability: at -20°C

### 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 (1 µg/ml for 2hrs)