



PAK2 Polyclonal Antibody

E90518**Catalog Number:** E90518**Amount:** 100ul

Background: PAK2, also named as PAK65, PAKgamma, p58, PAK-2p27, PAK-2p24 and C-t-PAK2, belongs to the protein kinase superfamily, STE Ser/Thr protein kinase family and STE20 subfamily. PAK2 acts on a variety of targets. PAK2 catalyzes the reaction: ATP + a protein = ADP + a phosphoprotein. PAK2 phosphorylates ribosomal protein S6, histone H4 and myelin basic protein. Full length PAK 2 stimulates cell survival and cell growth. The process is, at least in part, mediated by phosphorylation and inhibition of pro-apoptotic BAD. Caspase-activated PAK-2p34 is involved in cell death response, probably involving the JNK signaling pathway. Cleaved PAK-2p34 seems to have a higher activity than the CDC42-activated form. The antibody has no cross reaction to PAK1 and PAK3.

Species: Rabbit**Isotype:** IgG

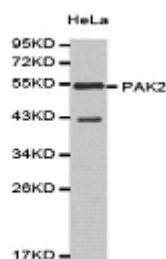
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: PAK65; PAKgamma;**Immunogen:** Recombinant protein of human PAK2**Purification:** Affinity purification**Reactivity:** H**Applications:** WB IHC IF**Molecular Weight:** 58kDa**Swiss-Prot No. :** Q13177**Gene ID:** 5062

WB 1:500-1:2000

IHC 1:50-1:200

IF 1:20-1:50



Western blot analysis of extracts of HeLa cellline, using PAK2 antibody.

For Research Use Only