

## PAK2

**Reactivity:**Human

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**58kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human PAK2

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

PAK65; PAKgamma;

**Catalog #:**A0518

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5062

**Isotype:**IgG

**Swiss Prot:**Q13177

**Purity:**Affinity purification

For research use only.

**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.

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