BT LAB
Bioassay Technology Laboratory

*Optimize Your Research*

# PAK gamma(Phospho Ser141) Polyclonal Antibody

## Description

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|---|---|
| **Product type** | Primary Antibody |
| **Code** | BT-AP12757 |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Size** | 20ul, 50ul, 100ul |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human PAK2 around the phosphorylation site of Ser141. AA range:107-156 |
| **Mol wt** | 58004 |
| **Species reactivity** | Human, Mouse, Rat |
| **Clonality** | Polyclonal |
| **Recommended application** | WB, IHC-p, IF, ELISA |
| **Concentration** | 1 mg/ml |
| **Full name** | Serine/threonine-protein kinase PAK 2 |
| **Synonyms** | Serine/threonine-protein kinase PAK 2; PAK2; Serine/threonine-protein kinase PAK 2; Gamma-PAK; PAK65; S6/H4 kinase; p21-activated kinase 2; PAK-2; p58 |

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

## Background

The p21 activated kinases (PAK) are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. The PAK proteins are a family of serine/threonine kinases that serve as targets for the small GTP binding proteins, CDC42 and RAC1, and have been implicated in a wide range of biological activities. The protein encoded by this gene is activated by proteolytic cleavage during caspase-mediated apoptosis, and may play a role in regulating the apoptotic events in the dying cell.

## Recommended Dilution

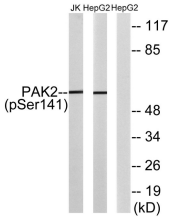
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

ELISA: 1: 10000

Not yet tested in other applications.

## Images




Western blot analysis of lysates from HepG2 cells treated with Adriamycin 0.5uM 24h/Jurkat cells treated with PMA 125ng/ml 30', using PAK2 (Phospho-Ser141) Antibody. The lane on the right is blocked with the phospho peptide.

## Storage

-20°C for 1 year

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