

PAK gamma(Phospho Ser141) Polyclonal Antibody

Description

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

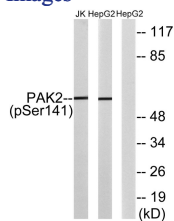
WB: 1: 500 - 1: 2000

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