

# PAK4 (phospho Ser474) Polyclonal Antibody

Cat No: HR1AP5568

For research use only

## Overview

Product Name	PAK4 (phospho Ser474) Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	64kDa
GeneID?Human?	PAK4
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	PAK4; KIAA1142; Serine/threonine-protein kinase PAK 4; p21-activated kinase 4; PAK-4
Background	<p>p21 (RAC1) activated kinase 4(PAK4) Homo sapiens PAK proteins, a family of serine/threonine p21-activating kinases, include PAK1, PAK2, PAK3 and PAK4. PAK proteins are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. They serve as targets for the small GTP binding proteins Cdc42 and Rac and have been implicated in a wide range of biological activities. PAK4 interacts specifically with the GTP-bound form of Cdc42Hs and weakly activates the JNK family of MAP kinases. PAK4 is a mediator of filopodia formation and may play a role in the reorganization of the actin cytoskeleton. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008],</p>