Product Name: **Phospho-PAK4 (Ser474)/PAK5 (Ser602)/PAK6 (Ser560) Rabbit Monoclonal Antibody**

Catalog #: **AMRe87682**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,FC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000,FC 1:200-1:1000
Molecular Weight	Calculated MW:64,81,75 kDa; Observed MW:72,82,90 kDa

Antigen Information

Gene Name	Phospho-PAK4/PAK5/PAK6
Alternative Names	Phospho-PAK4/PAK5/PAK6
Gene ID	10298, 56924, 57144
SwissProt ID	O96013, Q9NQU5, Q9P286
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser474 of human PAK4

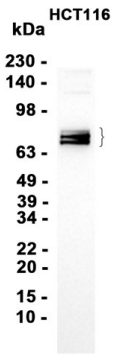
Background

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]

Research Area

Image Data



Western blot analysis of extracts from HCT116 cells using Phospho-PAK4 (Ser474)/PAK5 (Ser602)/PAK6 (Ser560) Rabbit Monoclonal Antibody at 1:1000.