

PAKα/β/γ rabbit pAb

Cat No.:ES6464

For research use only

Overview

Product Name PAK $\alpha/\beta/\gamma$ rabbit pAb

Host species Rabbit

Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/5000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human PAK1/2/3. AA

range:111-160

Specificity PAK $\alpha/\beta/\gamma$ Polyclonal Antibody detects endogenous

levels of PAK $\alpha/\beta/\gamma$ protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Serine/threonine-protein kinase PAK 1

Gene Name PAK1/PAK2/PAK3

Cellular localization Cytoplasm . Cell junction, focal adhesion . Cell

projection, lamellipodium . Cell membrane . Cell projection, ruffle membrane . Cell projection,

invadopodium . Nucleus, nucleoplasm . Chromosome . Cytoplasm, cytoskeleton,

microtubule organizing center, cen

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 5058/5062/5063

Human Swiss-Prot Number Q13153/Q13177/O75914

Alternative Names PAK1; Serine/threonine-protein kinase PAK 1;

Alpha-PAK; p21-activated kinase 1; PAK-1; p65-PAK;

PAK2; Serine/threonine-protein kinase PAK 2;



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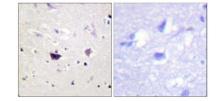


Background

Gamma-PAK; PAK65; S6/H4 kinase; p21-activated kinase 2; PAK-2; p58; PAK3; OPHN3; Serine/threonine-p

This gene encodes a family member of serine/threonine p21-activating kinases, known as PAK proteins. These proteins are critical effectors that link RhoGTPases to cytoskeleton reorganization and nuclear signaling, and they serve as targets for the small GTP binding proteins Cdc42 and Rac. This specific family member regulates cell motility and morphology. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2010],

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using PAK1/2/3 Antibody. The picture on the right is blocked with the synthesized peptide.



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