

## PAKy (phospho Ser141) Polyclonal Antibody

Catalog No: #13632

Package Size: #13632-1 50ul #13632-2 100ul

## Description

|                       |                                                                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | PAKy (phospho Ser141) Polyclonal Antibody                                                                                                  |
| Host Species          | Rabbit                                                                                                                                     |
| Clonality             | Polyclonal                                                                                                                                 |
| Purification          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                      |
| Applications          | WB,IHC-p,IF(paraffin section),ELISA                                                                                                        |
| Species Reactivity    | Human,Mouse,Rat                                                                                                                            |
| Specificity           | Phospho-PAKy (S141) Polyclonal Antibody detects endogenous levels of PAKy protein only when phosphorylated at S141.                        |
| Immunogen Description | The antiserum was produced against synthesized peptide derived from human PAK2 around the phosphorylation site of Ser141. AA range:107-156 |
| Conjugates            | Unconjugated                                                                                                                               |
| Other Names           | PAK2; Serine/threonine-protein kinase PAK 2; Gamma-PAK; PAK65; S6/H4 kinase; p21-activated kinase 2; PAK-2; p58                            |
| Accession No.         | Swiss Prot:Q13177GeneID:5062                                                                                                               |
| SDS-PAGE MW           | 60                                                                                                                                         |
| Concentration         | 1 mg/ml                                                                                                                                    |
| Formulation           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                    |
| Storage               | -20°C/1                                                                                                                                    |

## Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

## Background

p21 (RAC1) activated kinase 2(PAK2) Homo sapiens 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. [provided by RefSeq, Jul 2008],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.