

# Phospho-PAK1-T212 Rabbit pAb

Catalog No.: AP0186 **1 Publications**

## Basic Information

**Observed MW**

61kDa

**Calculated MW**

61kDa

**Category**

Primary antibody

**Applications**

WB,IF/ICC

**Cross-Reactivity**

Human, Mouse, Rat

## Background

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. Mutations in this gene have been associated with macrocephaly, seizures, and speech delay. Overexpression of this gene is also reported in many cancer types, and particularly in breast cancer. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IF/ICC</b>	1:100 - 1:200

## Immunogen Information

**Gene ID**

5058

**Swiss Prot**

Q13153

**Immunogen**

A phospho specific peptide corresponding to residues surrounding T212 of human PAK1

**Synonyms**

IDDMSSD; p65-PAK; PAKalpha; alpha-PAK; Phospho-PAK1-T212

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

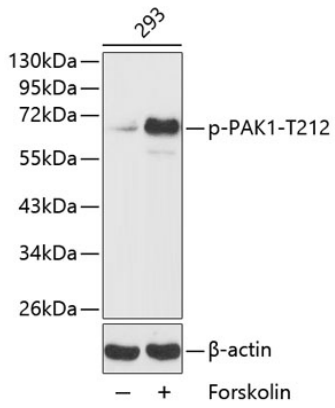
**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of extracts from 293 cells, using Phospho-PAK1-T212 antibody (AP0186).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% BSA.