

## PAK Gamma Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP06903
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PAK2. AA range:5-54
<b>Mol wt</b>	58004
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	PAKgamma Antibody
<b>Synonyms</b>	PAK2; Serine/threonine-protein kinase PAK 2; Gamma-PAK; PAK65; S6/H4 kinase; p21-activated kinase 2; PAK-2; p58

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

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 PAK2 is activated by proteolytic cleavage during caspase-mediated apoptosis, and may play a role in regulating the apoptotic events in the dying cell.

### Recommended Dilution

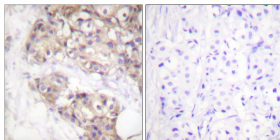
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

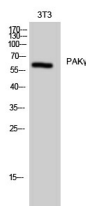
ELISA: 1: 5000

Not yet tested in other applications.

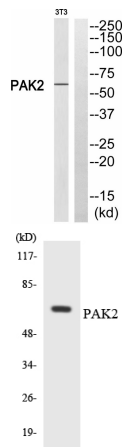
### Images



Immunohistochemistry analysis of paraffin-embedded human brain, using PAK2 Antibody. The lane on the right is blocked with the PAK2 peptide.



Western Blot analysis of 3T3 cells using PAK $\gamma$  Polyclonal Antibody



Western blot analysis of PAK2 Antibody. The lane on the right is blocked with the PAK2 peptide.

Western blot analysis of the lysates from COLO205 cells using PAK2 antibody.

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using PAK2 Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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